Elektrodokumentation G33/K44 Electrodocumentation G33/K44

Allgemeiner Teil Generally part	Einstellungen Adjustments	*ALG*	**1**
Schema Scheme	Netz Power	*PWR*	**2**
Schema Scheme	Antriebe/ Spinnen Drives / Spinning	*ANT*	**3**
Schema Scheme	Doffer/ Twin-Drive/ Logistik Doffer/ Twin-Drive / Logistics	*LOG*	**4**
Schema Scheme	ROBOload ROBOload	*RLD*	**5**
Elektrische Schnittstellen Electrical interface Schnittstellenspezifikation Interface specification	 Ringspinnmaschine Ring spinning machine	*G33* *RLD* *SMU* *SSH* *SSA*	**6**
Parameterliste Parameterlist	Frequenzumrichter Frequency converter	*FK4 / FK5* *FKE / FKA* *FKR / FMT*	**7**
Schema Scheme	Pneumatik Pneumatic		**8**
Ergänzungen / Zusätze Supplementation / modifications			**9**
			10

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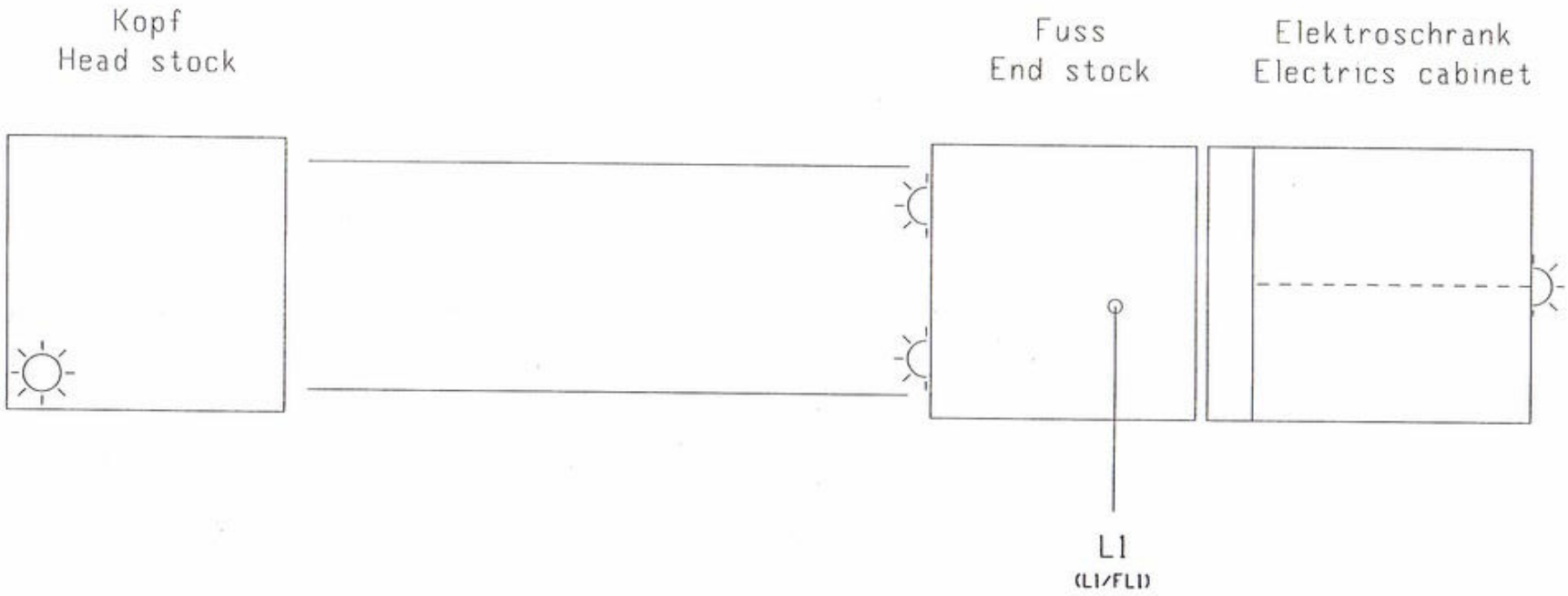
GTE May 2001

Motorschutz Ventilator Absaugung / Motor protection fan on suction system

Q6 50/60 Hz Motorschutzschalter Einstellwert Motor protecion switch setting value: I_n [A]	Netzspannung / Mains voltage: U[V]				
		380V	400V		
Leistung / Power : P[KW]					
2.2 kW (50/ 60)		5.0A	4.8A		
4.0 kW		8.3A	7.9A		
6.5 kW		14A	14A		
9.0 kW		18A	18A		
12.6 kW		23A	23A		
Motorschutzschalter/ Motor protection switch					
-Typ / Type	3RV10214	3RV10214	3RV10214	3RV10111	3RV10111
	DA10	BA10	AA10	JA20	GA20
-Bereich / Range	20 - 25 A	14 - 20 A	11 - 16 A	7 - 10 A	4.5 - 6.3 A
- Artikelnummer/ Article number	10042639	0920-0623	0920-0622	0920-0620	0920-0618

Linke Maschinenseite
Left machine side



Rechte Maschinenseite
Right machine side

RIETER Maschinenfabrik Rieter Winterthur Schutzvermerk nach DIN 34 beachten	Ringspinnmaschine	2001-01-16	Reppel	Thuer	GTE	1		Blatt: 1
		Datum	bearbeitet	genehmigt	Bereich	Version	Werkstoff	Total: 4
	Disposition Sensoren/Aktoren	Schema G33/K44 Power Drossel					10011980	de/en Ort: SA Sprache Anl: PWR

Legende Module:
Description of modules:

ANT -> Antriebe variabel
Drives variable

LOG -> Logistik
Logistic

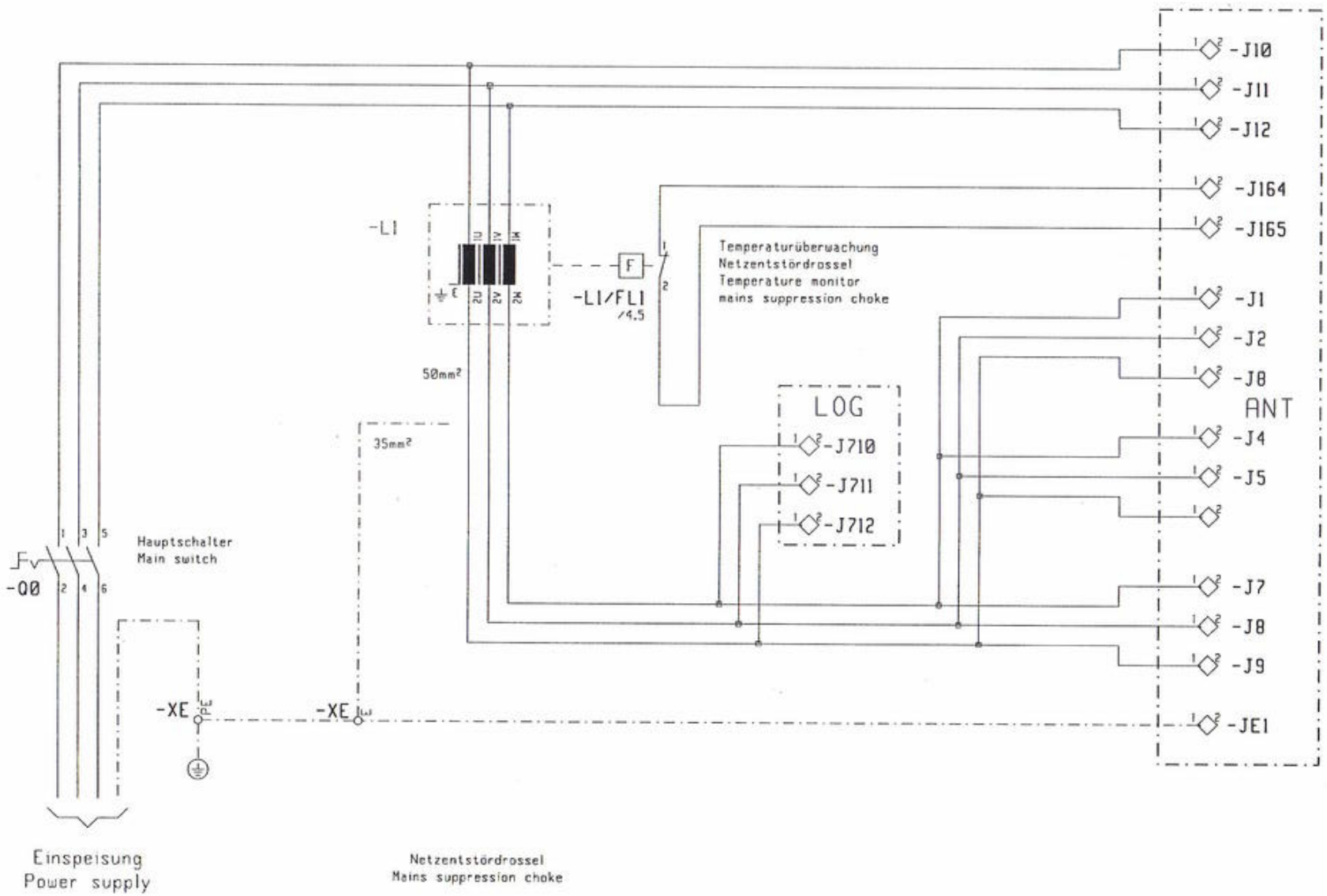
-JE1 /3.18	ANT	
-J1 /3.18	ANT	
-J2 /3.18	ANT	
-J3 /3.18	ANT	
-J4 /3.18	ANT	
-J5 /3.18	ANT	

-J6 /3.18	ANT	
-J7 /3.18	ANT	
-J8 /3.18	ANT	
-J9 /3.18	ANT	
-J10 /3.18	ANT	
-J11 /3.18	ANT	

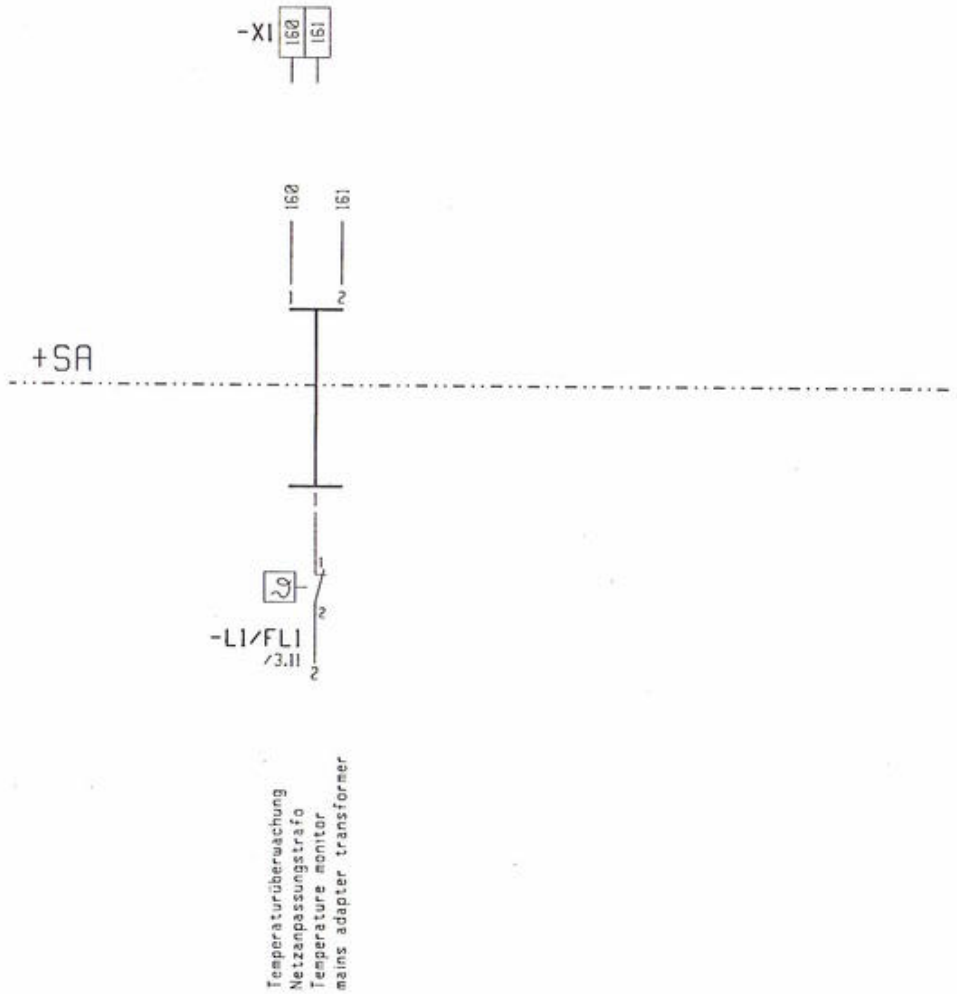
-J12 /3.18	ANT	
-J164 /3.18	ANT	
-J165 /3.18	ANT	
-J710 /3.13	LOG	
-J711 /3.13	LOG	
-J712 /3.13	LOG	

RIETER
Maschinenfabrik Rieter Winterthur
Schutzvermerk nach DIN 34 beachten

Ringspinnmaschine	2001-01-16	Reppel	Thuer	GTE	1		Blatt: 2
	Datum	bearbeitet	genehmigt	Bereich	Version	Werkstoff	Total: 4
Querverweise	Schema G33/K44 Power Drossel					10011980	de/en Ort:+ SA
							Sprache Anl:= PWR



RIETER	Ringspinnmaschine	2001-01-16	Reppel	Thuer	GTE	1		Blatt: 3
Maschinenfabrik Rieter Winterthur		Datum	bearbeitet	genehmigt	Bereich	Version	Werkstoff	Total: 4
Schutzvermerk nach DIN 34 beachten	Hauptstrom	Schema G33/K44 Power Drossel					10011980	de/en Ort:+ SA
								Sprache Anl:= PWR



RIETER Maschinenfabrik Rieter Winterthur Schutzvermerk nach DIN 34 beachten	Ringspinnmaschine	2001-01-16	Reppel	Thuer	GTE	1		Blatt: 4
		Datum	bearbeitet	genehmigt	Bereich	Version	Werkstoff	Total: 4
	Anschlussplan	Schema G33/K44 Power Drossel					10011980	de/en Ort:= SA Sprache Anl:= PWR

Ort Place	BMK	Blatt Page	Material	Bezeichnung	Description	Typ Type
+SA	-L1	3.9	.			
+SA	-L1		1893-2270	Drosselspule	Choke coil	3PH 0.2mH 98A
+SA	-L1		1893-2271	Drosselspule	Choke coil	3PH 0.2mH 118A
+SA	-L1		10005602	Drosselspule	Choke coil	3PH 0.2mH 135A
+SA	-L1/FL1	3.11	.			
+SA	-00	3.4	0920-2515	Lastschalter	Power circuit-breaker	KG316 T103/CH004VE 110kW
+SA	-00	3.4	0920-2521	Lastschalter Abdeckung	Power circuit breaker cap	KG251

Next :

10011980 Project file		RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34		A4	-
n exchange for	Geräteliste Apparatus list	2001-01-16 release date	Reppel designer	Thuer approved by	1 version
plant: G-Liste	place: 1	sheet: 1 of 1	language: de/en	Schema G33/K44 Power Drossel	10011980 material

Legende Module:
Description of modules:

PWR -> Power variabel
Power supply variable

ANT -> Antriebe variabel
Drives variabel

LOG -> Logistik
Logistic

-JE1 /5.3	PWR	
-J1 /10.3	PWR	
-J2 /10.3	PWR	
-J3 /10.3	PWR	
-J4 /5.3	PWR	
-J5 /5.3	PWR	
-J6 /5.3	PWR	
-J7 /6.3	PWR	
-J8 /6.3	PWR	
-J9 /6.3	PWR	
-J10 /10.3	PWR	

-J11 /10.3	PWR	
-J12 /10.3	PWR	
-JE2 /6.17	LOG	
-JE /5.10	LOG	
-J100 /6.17	LOG	
-J101 /6.17	LOG	
-J102 /6.17	LOG	
-J105 /29.19	LOG	
-J110 /15.5	LOG	
-J111 /15.5	LOG	
-J164 /17.5	PWR	

-J165 /17.5	PWR	
-J200 /13.19	LOG	
-J201 /13.19	LOG	
-J202 /13.19	LOG	
-J203 /13.19	LOG	
-J205 /13.19	LOG	
-J220 /11.17	LOG	
-J221 /11.17	LOG	
-J222 /5.10	LOG	
-J700 /13.19	LOG	
-J701 /13.19	LOG	

-J702 /13.19	LOG	
-J703 /13.19	LOG	
-J770 /37.2	LOG	
-J771 /37.3	LOG	
-J772 /37.4	LOG	
-J773 /37.5	LOG	
-J774 /37.6	LOG	
-J775 /37.7	LOG	

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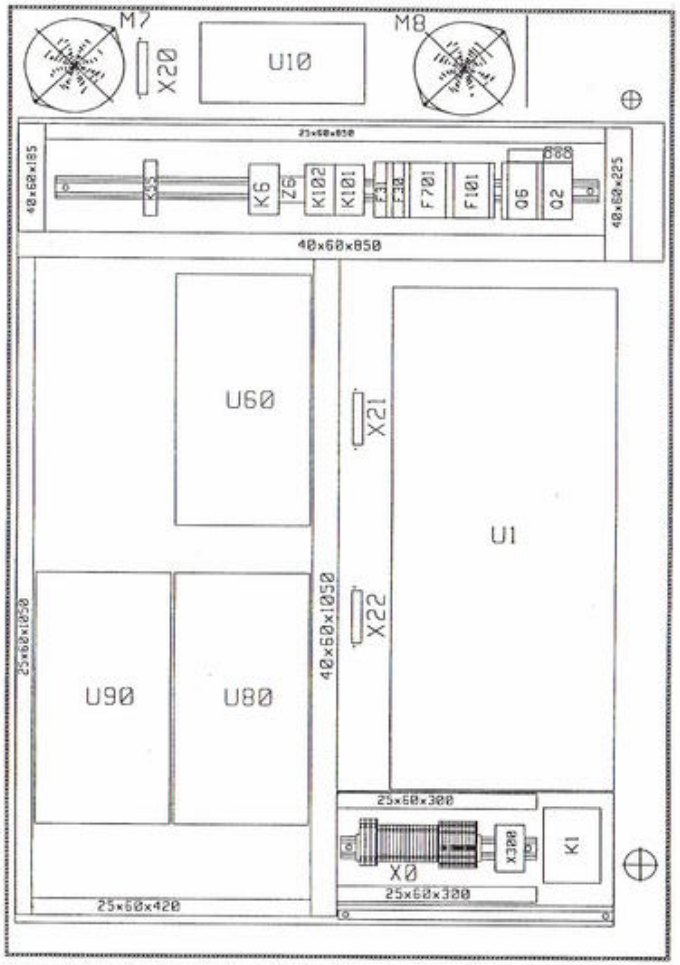
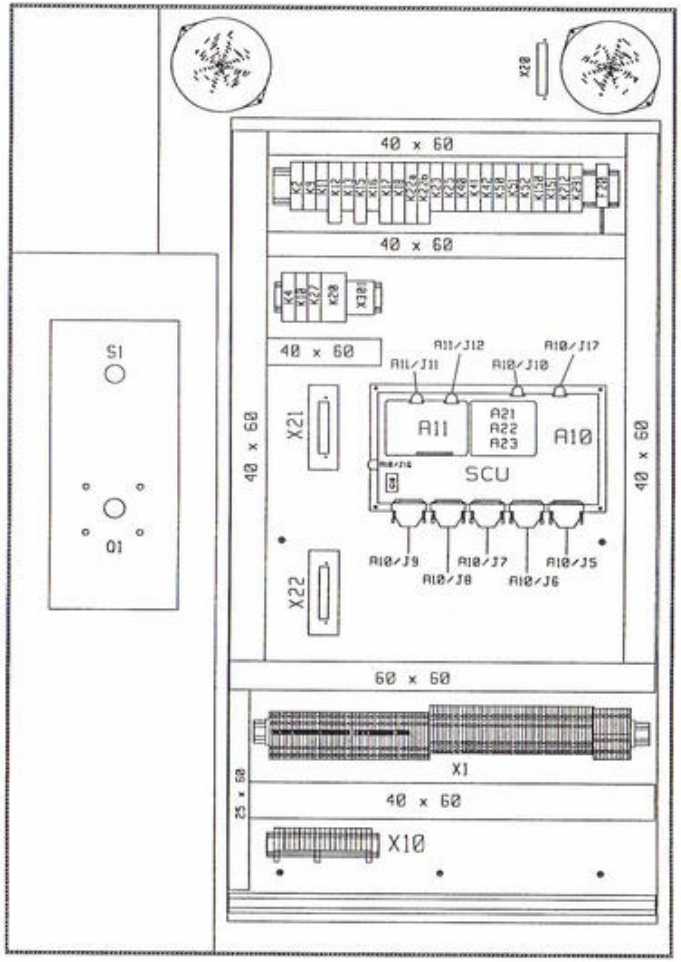
oject file	plant:		language	Schutzvermerk nach DIN 34 beachten/Rieter to DIN 34				
	+ SA	Querverweise	GTE	2002-09-26	Reppel	Reppel	6	10012000	next: 2
exchange for	place:		deparim.	release date	designer	approved by	version		sheet: 1





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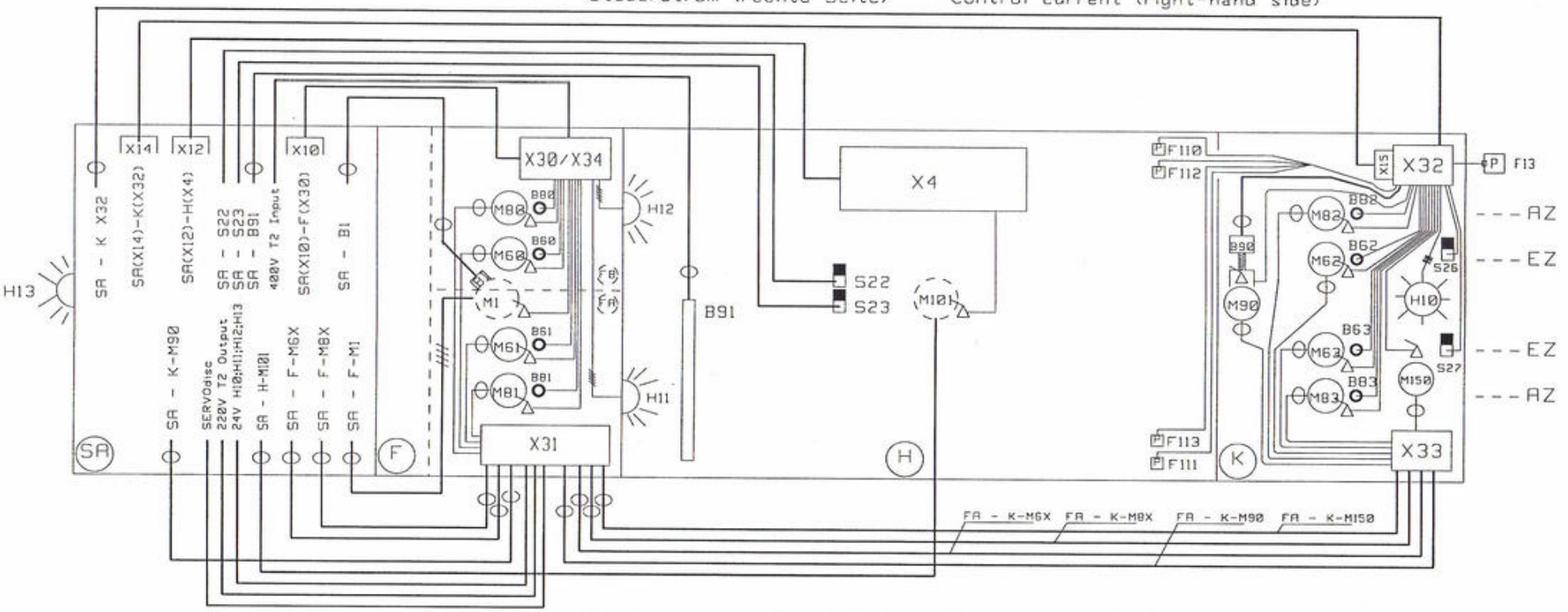
roject file	plant:		language						
	+ SA	Stromlaufplan	GTE	2002-09-26	Reppel	Reppel	6	10012000	next: 3
exchange for	place:		departm	release date	designer	approved by	version		sheet: 2

Anordnung der Elemente Layout of elements

Elektroschrank Electrics cabinet	Antrieb Fuss Drive, end stock	Sektion Section	Antrieb Kopf Drive, head stock

Steuerstrom (rechte Seite) Control current (right-hand side)

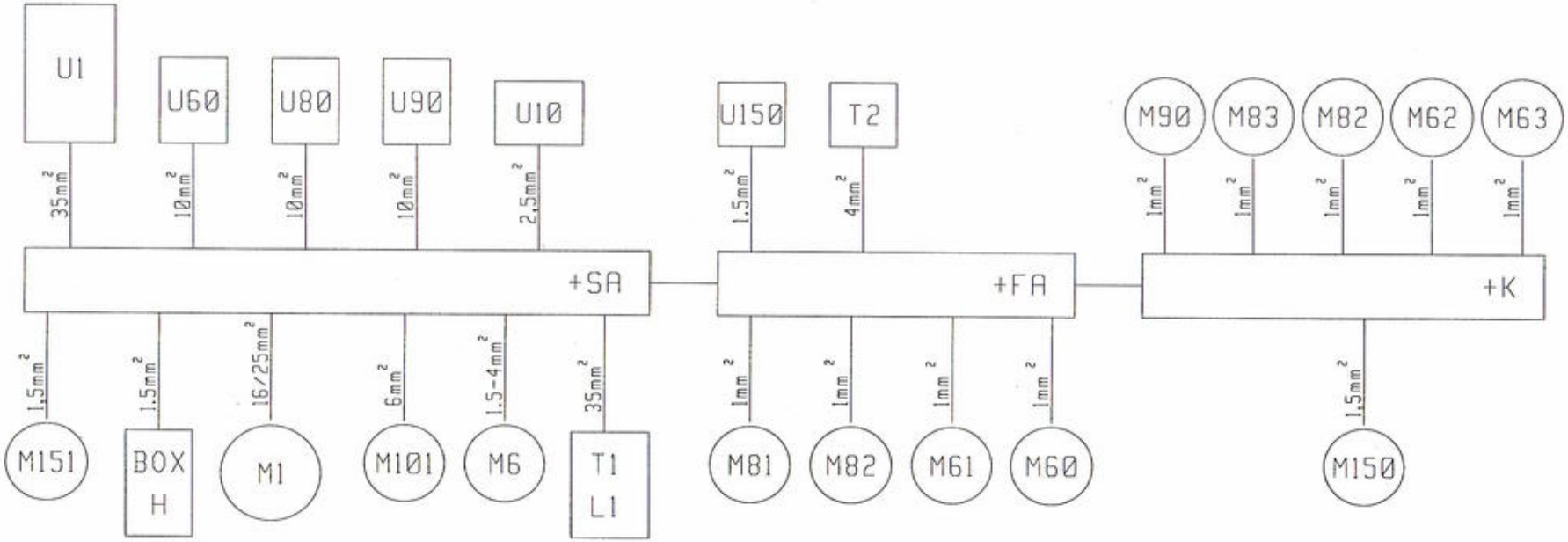


Leistungsstrom (linke Seite) Power current (left-hand side)

Elektroschrank Electrics cabinet	Antrieb Fuss Drive, end stock	Sektion Section	Antrieb Kopf Drive, head stock

0012000	- ANT	Verkabelungskonzept	de/en	RIETER Maschinenfabrik Rieter AG			Schema G33/K44 Antrieb KEB/KEB	total: 53
roject file	plant:		language	Schutzvermerk nach DIN 34 beachten/Refer to DIN 34				next: 4
	+ SA	Stromlaufplan	GTE	2002-09-26	Reppel	Reppel	6	10012000
exchange for	place:		departm	release date	designer	approved by	version	sheet: 3

Erdungskonzept
Layout for protection earth



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roject file	plant:		language						
	+ SA	Erdungs - Konzept	GTE	2002-09-26	Reppel	Reppel	6	10012000	next: 5
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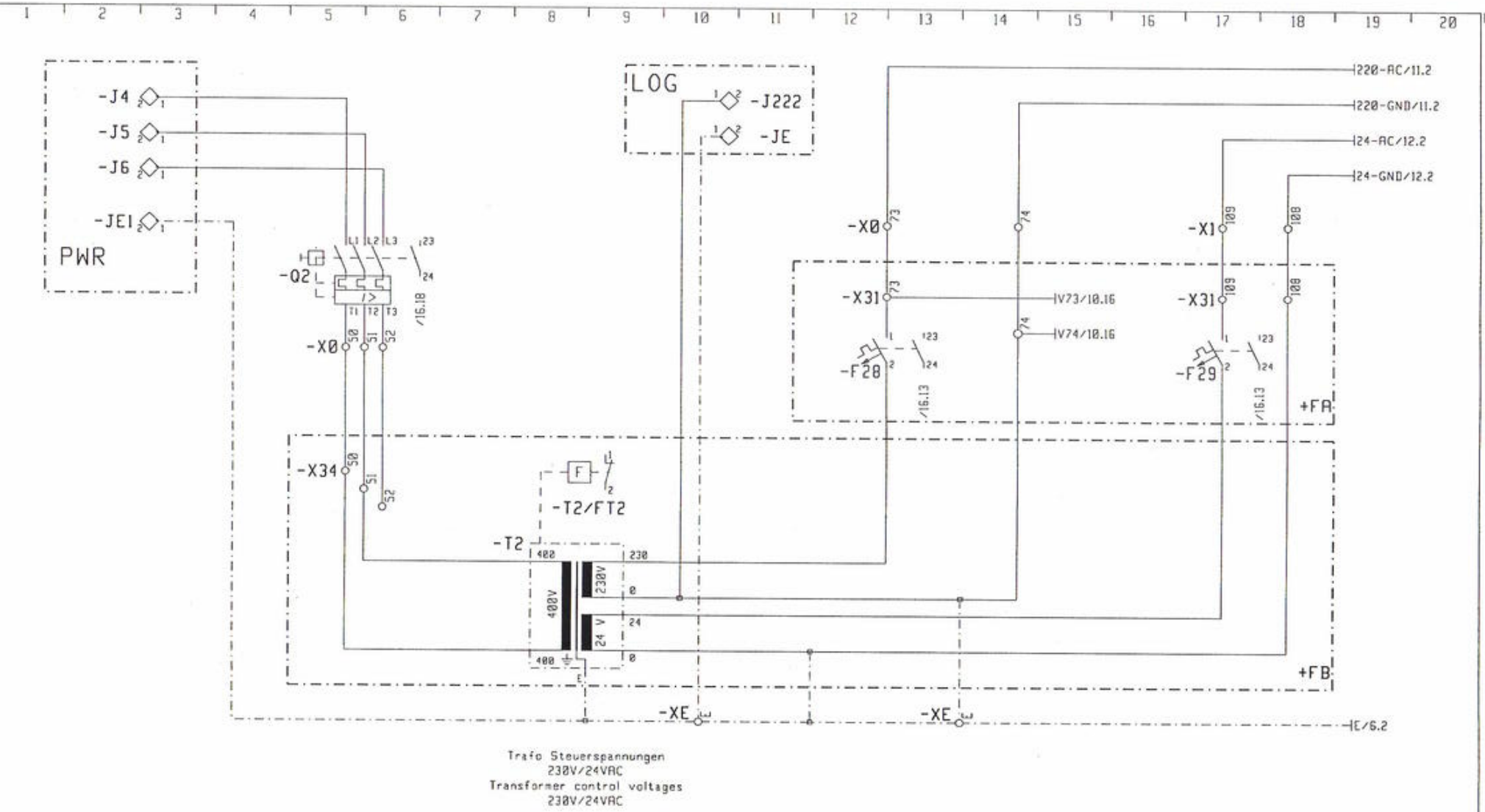

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roject file	plant:		language						
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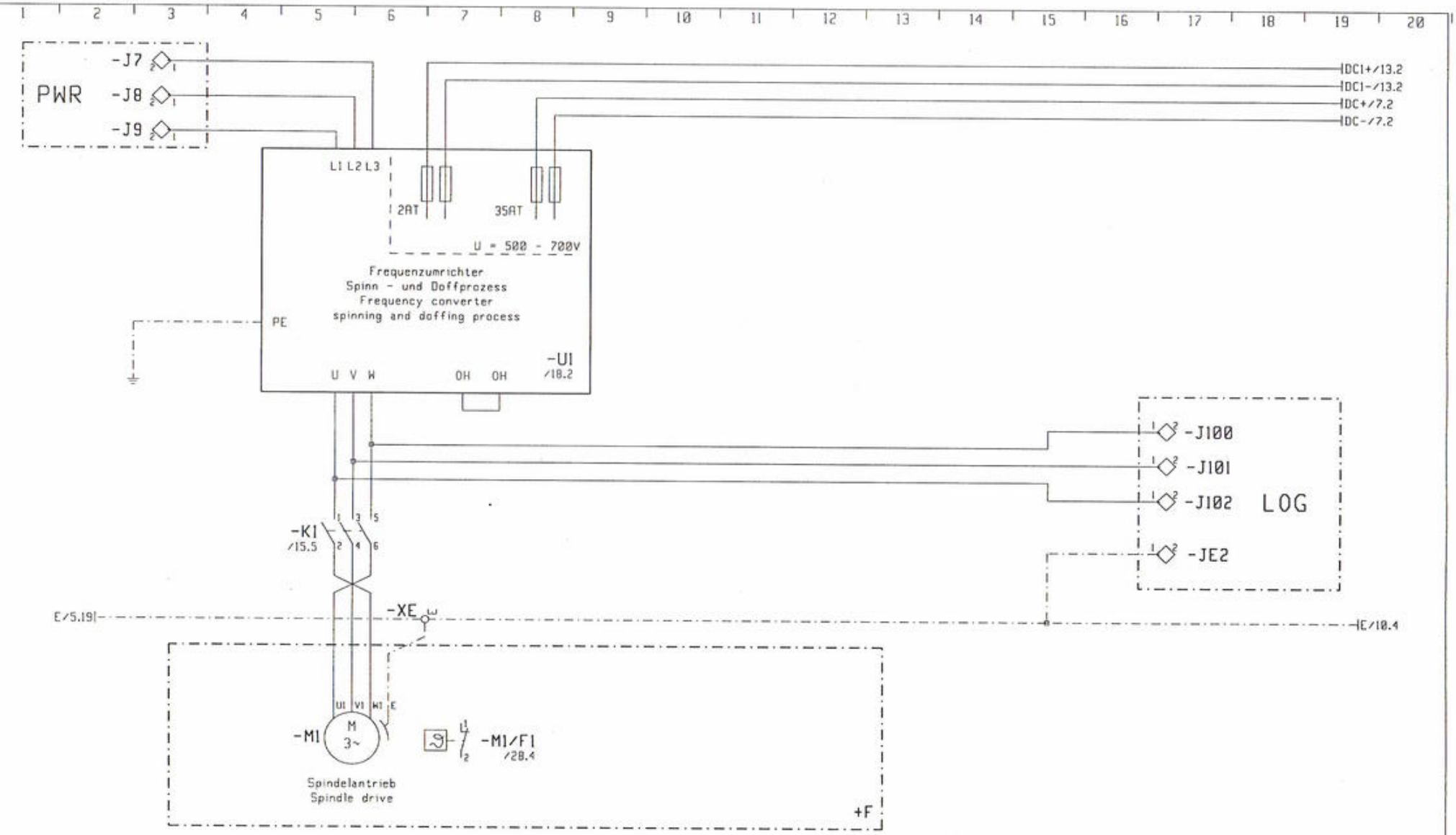

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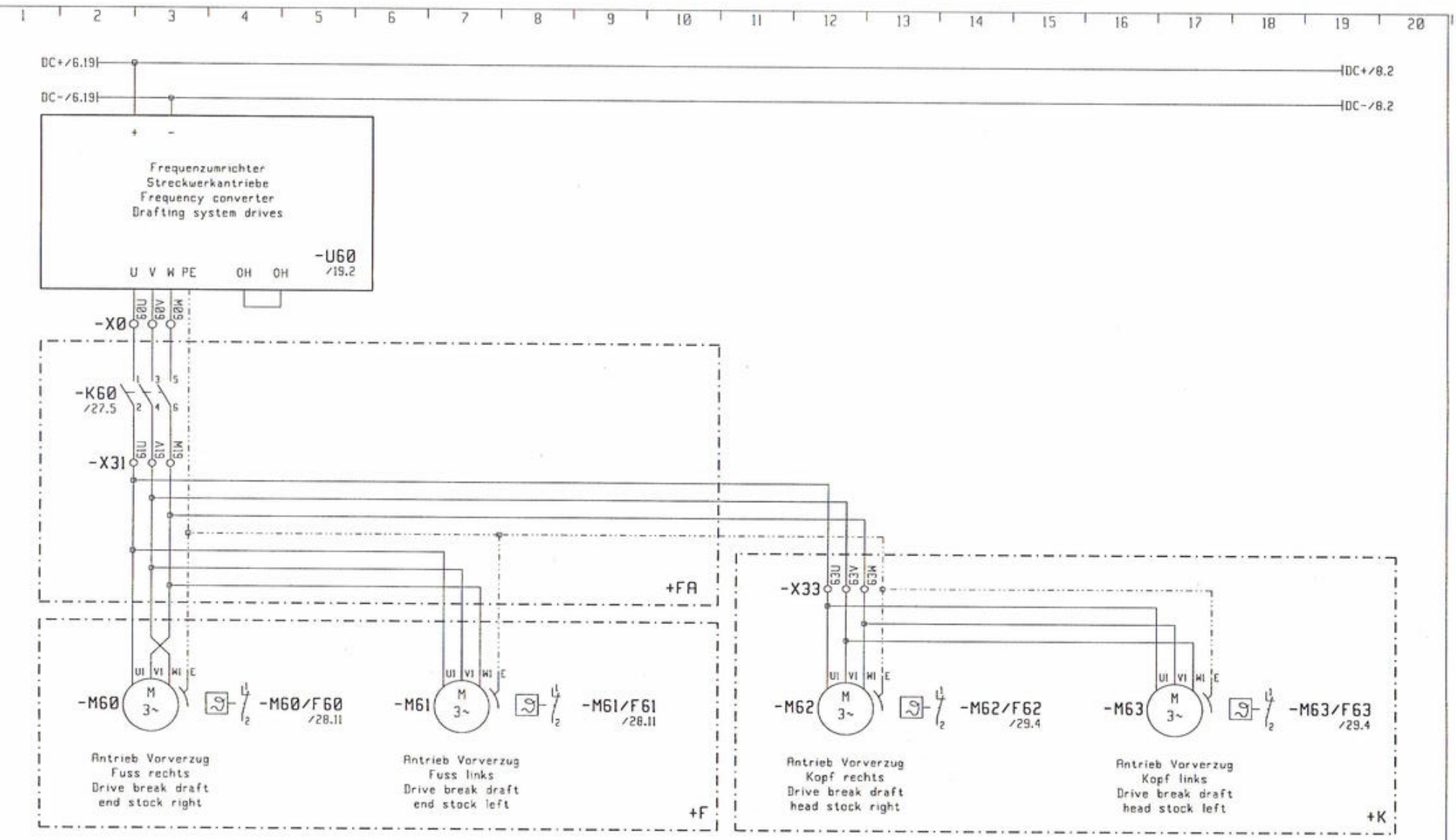

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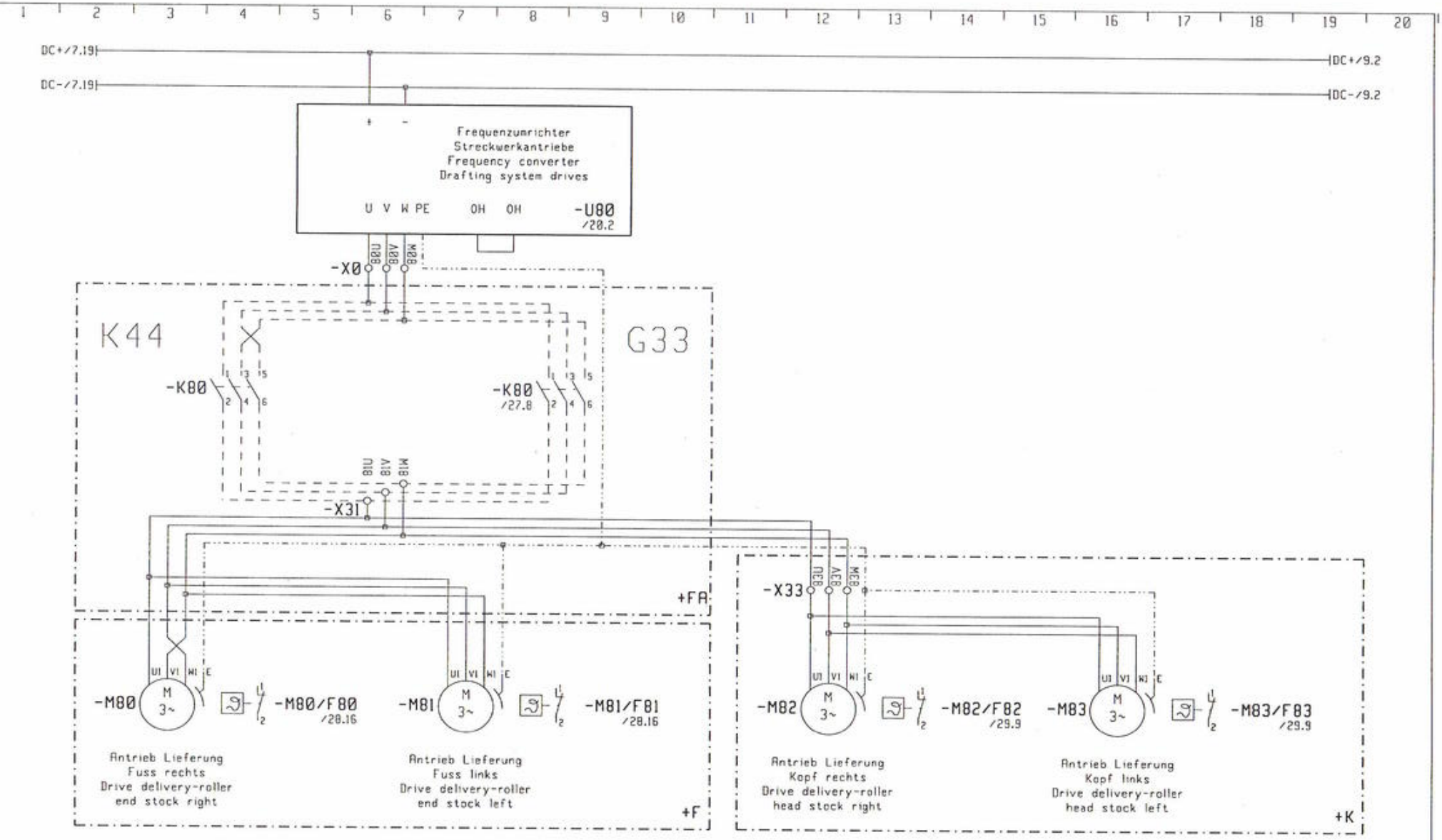

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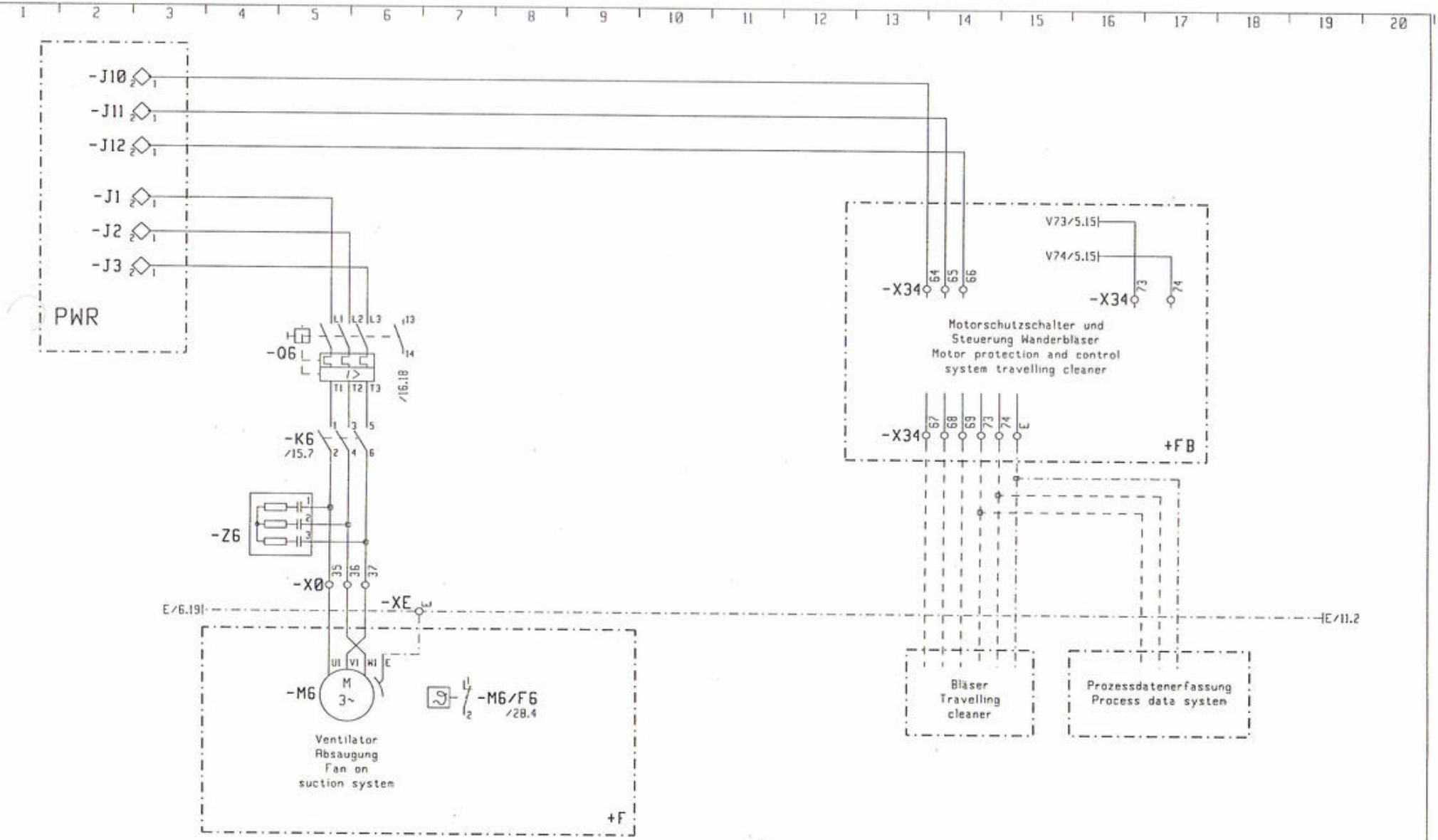

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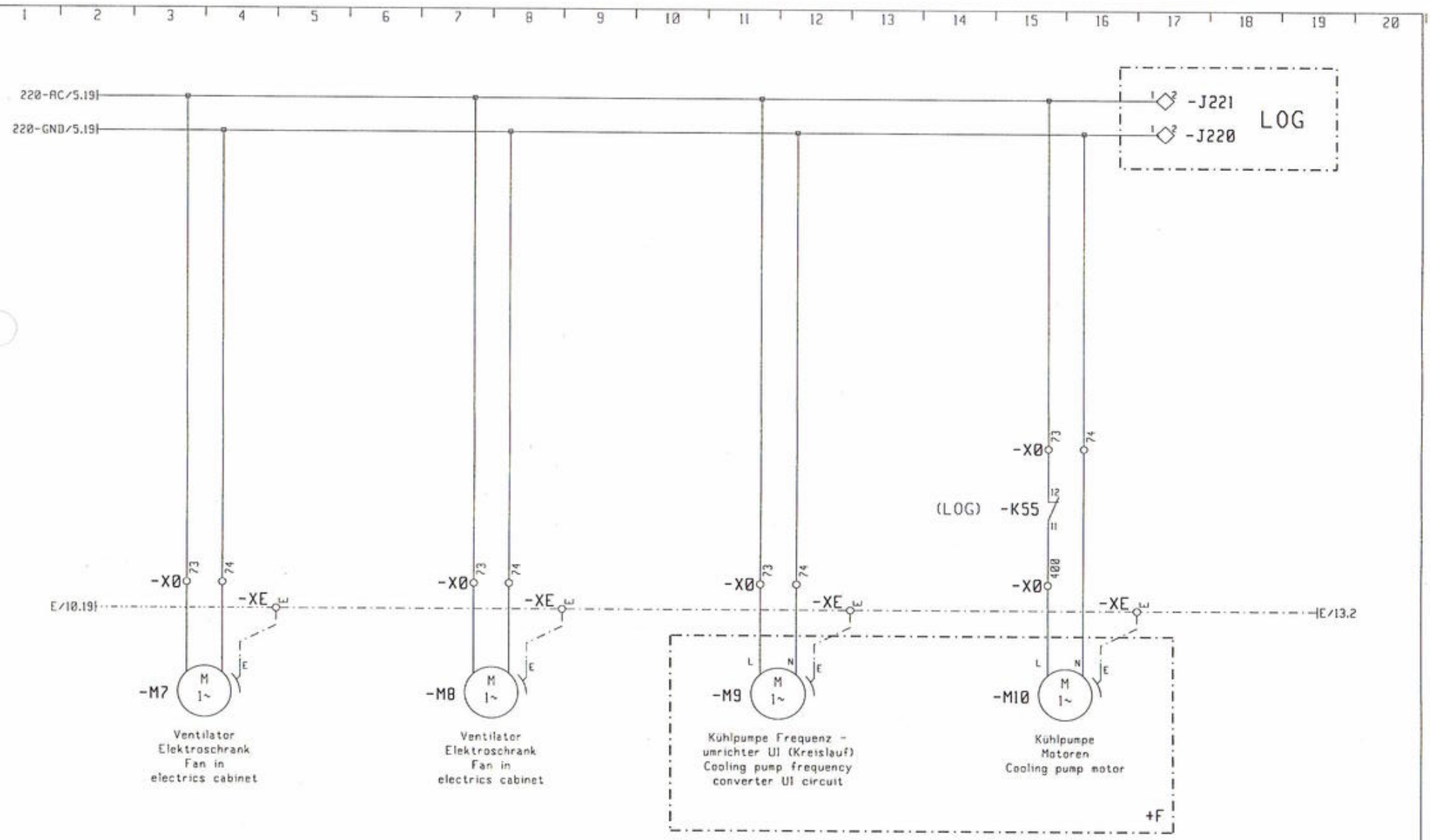

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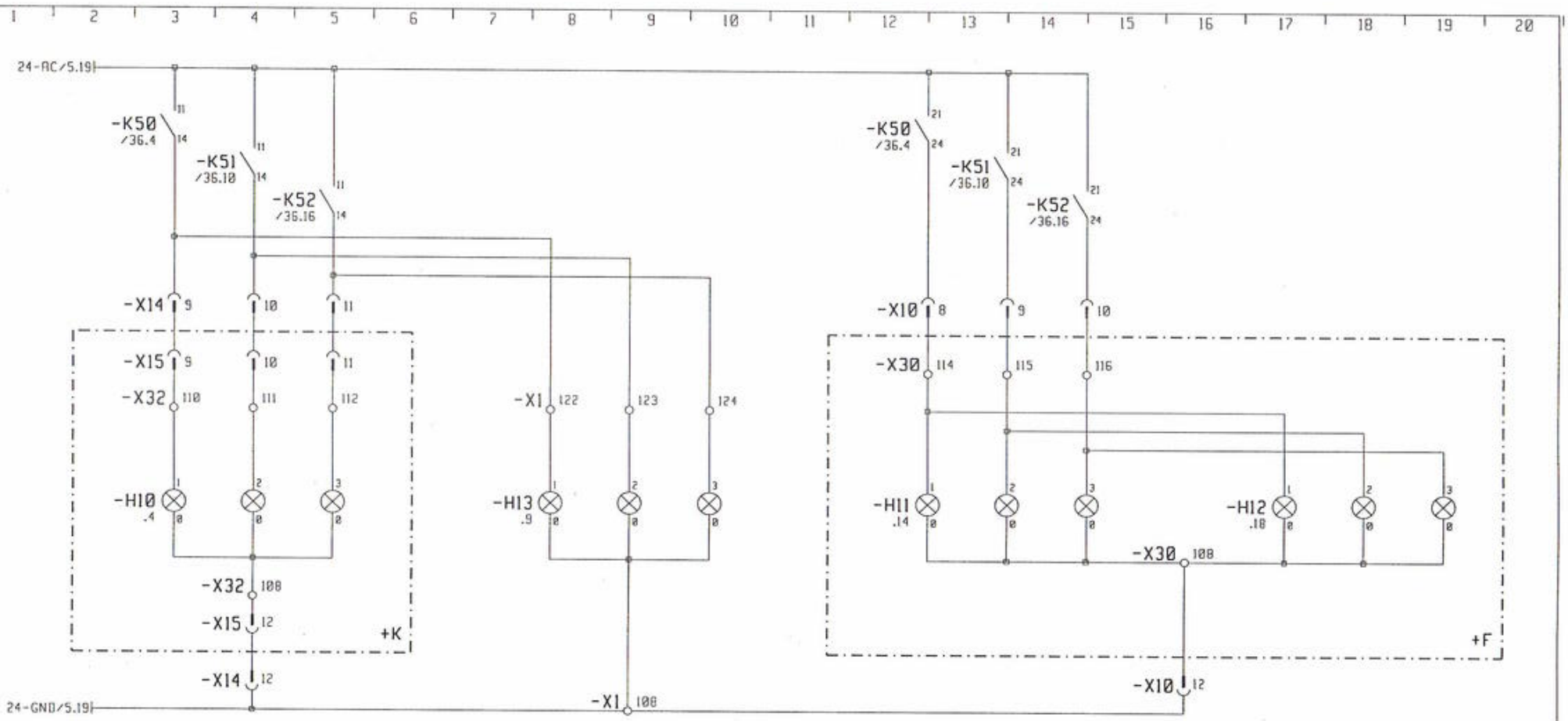

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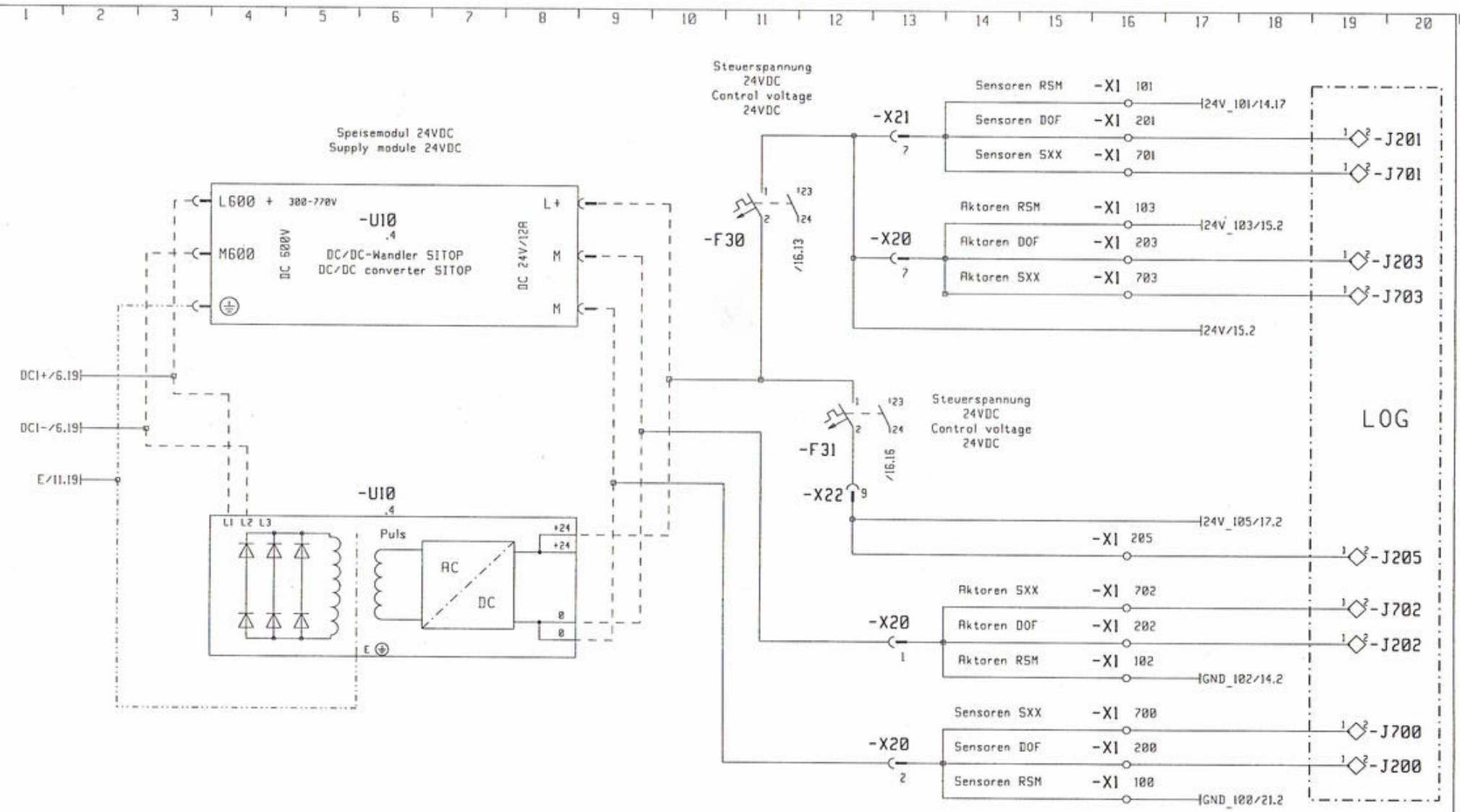

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roject file	plant:		language						
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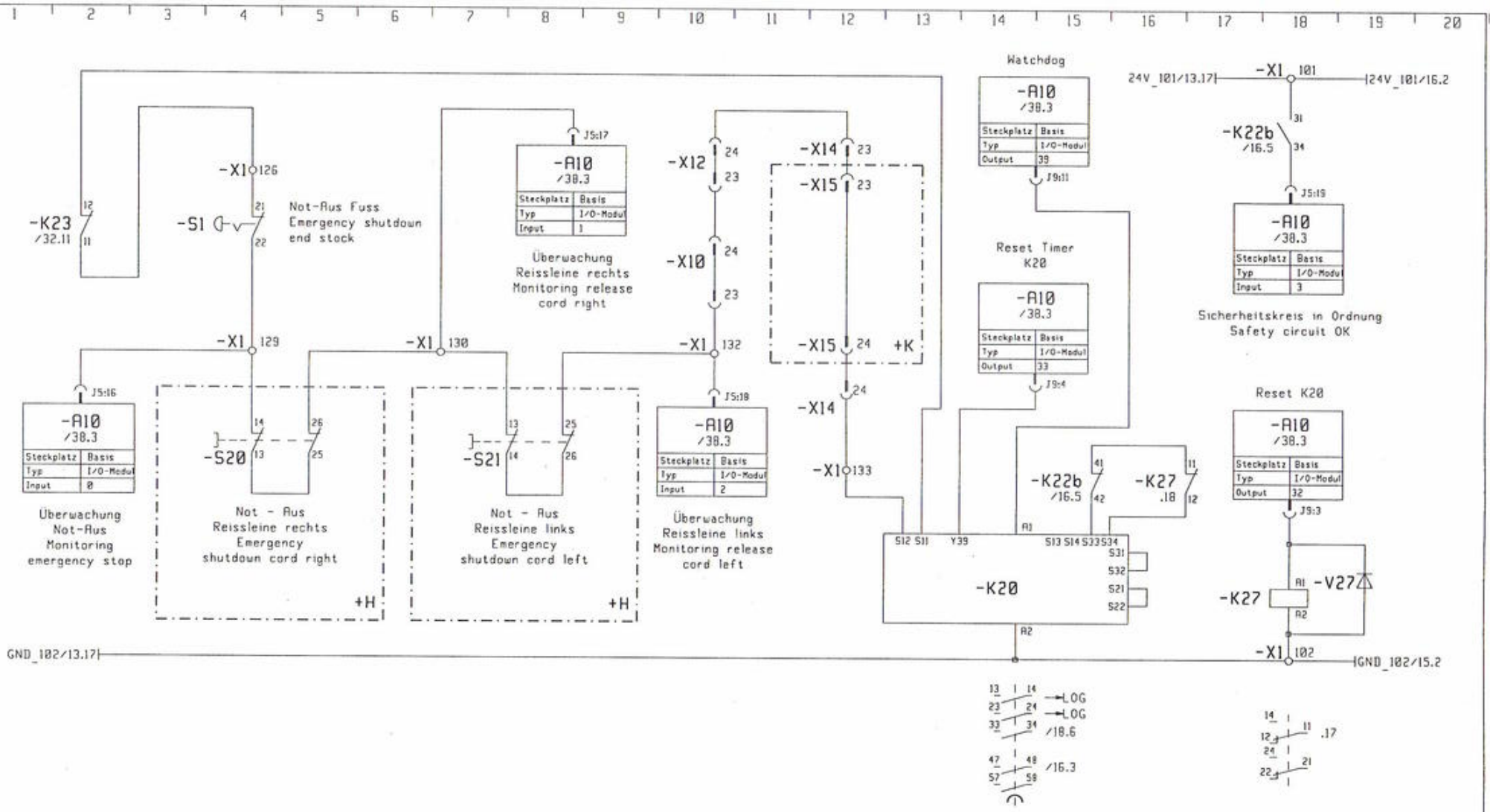

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roject file	plant:		language						
	+ SA	Sicherheitskreis	GTE	2002-09-26	Reppel	Reppel	6	10012000	next: 15
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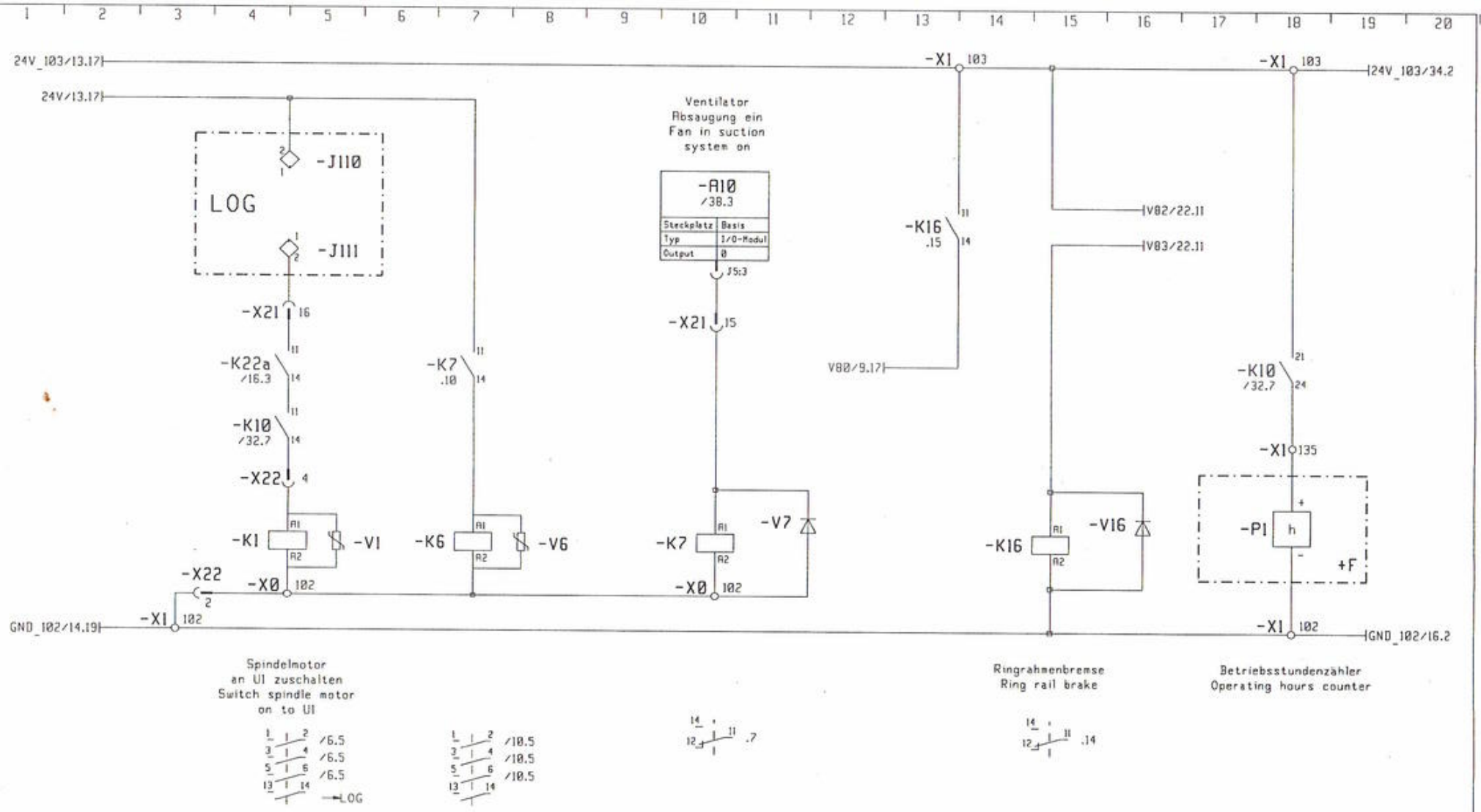

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roject file	plant:		language					
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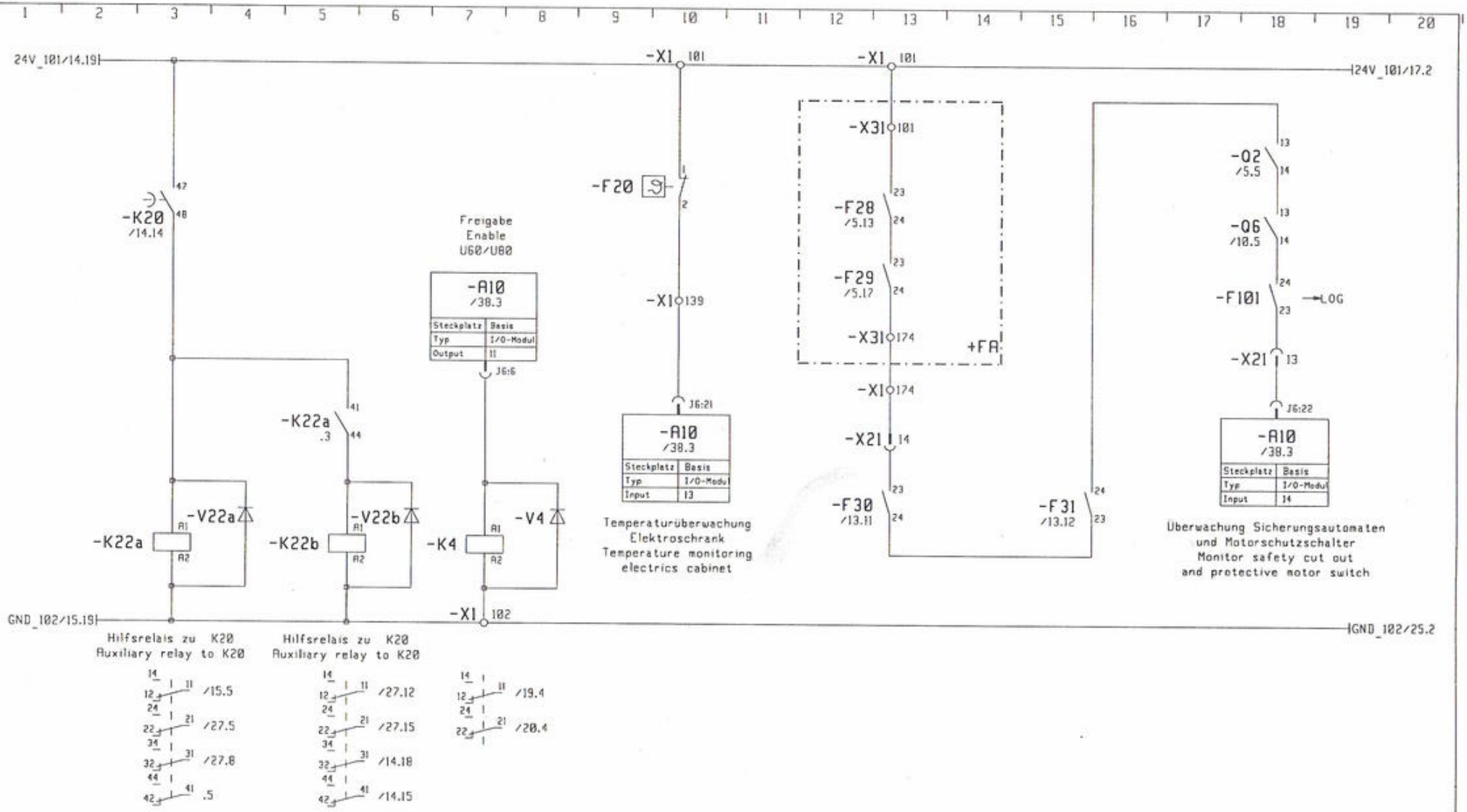

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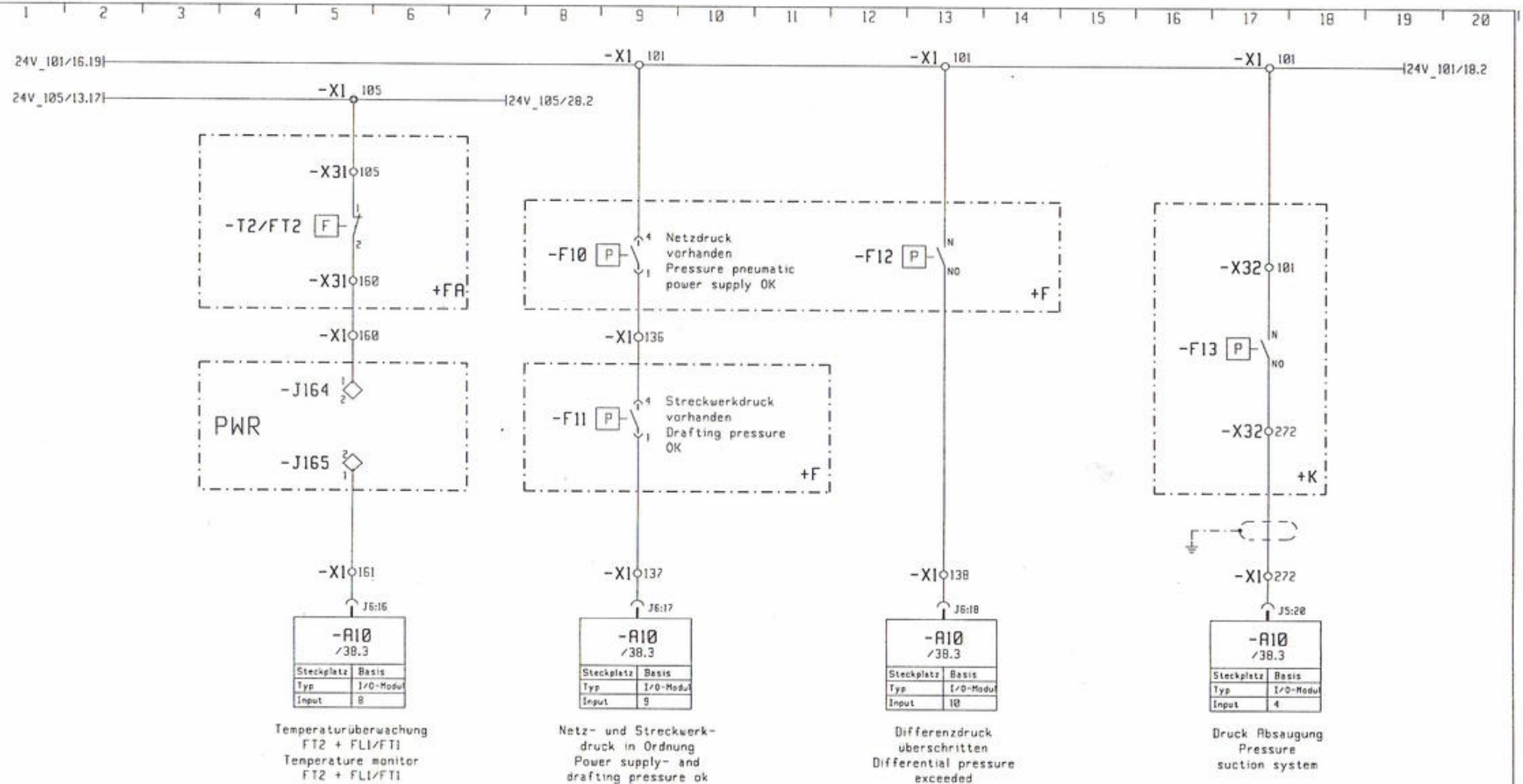

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roject file	plant:		language						
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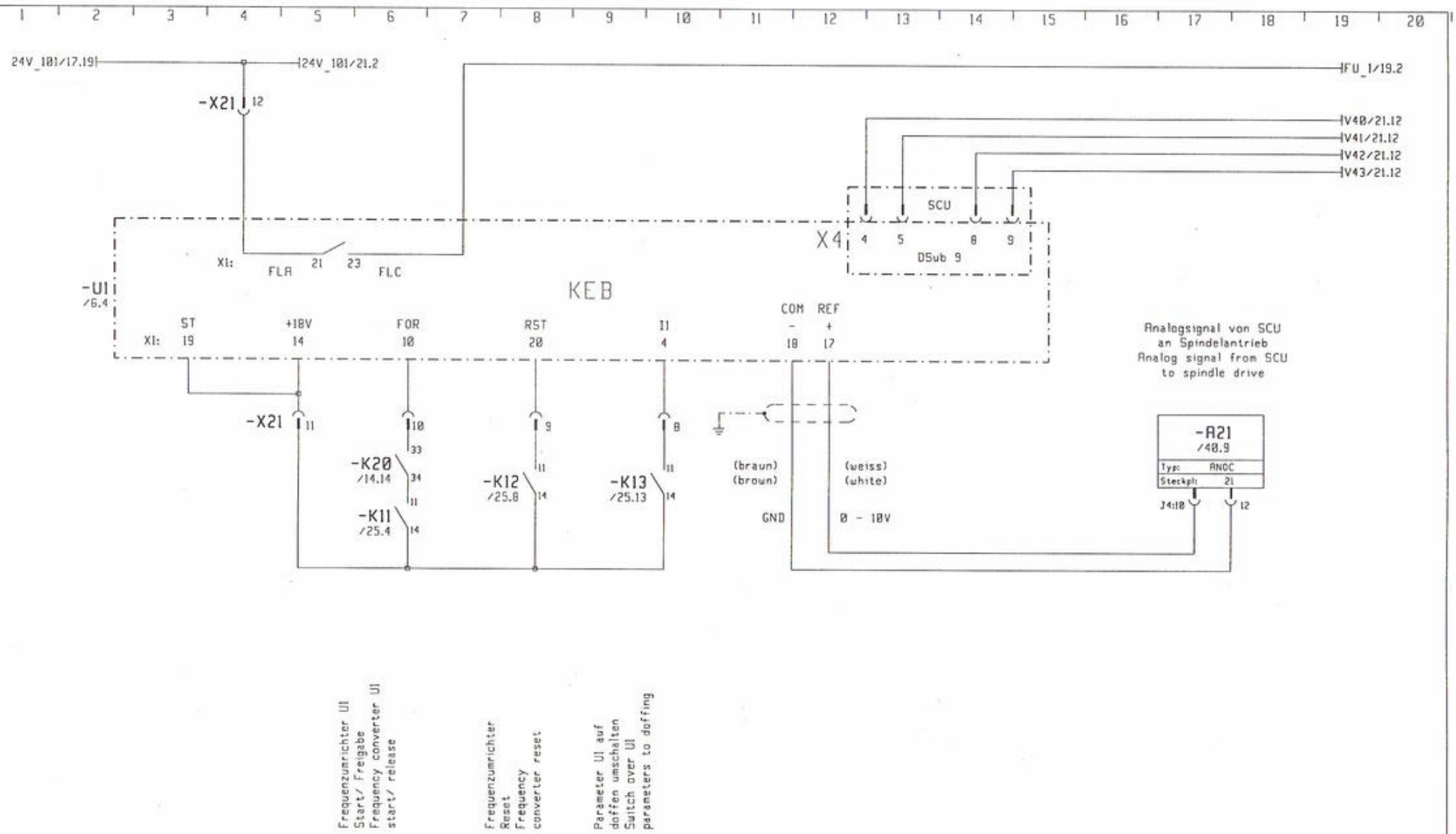

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oject file	plant:		language						
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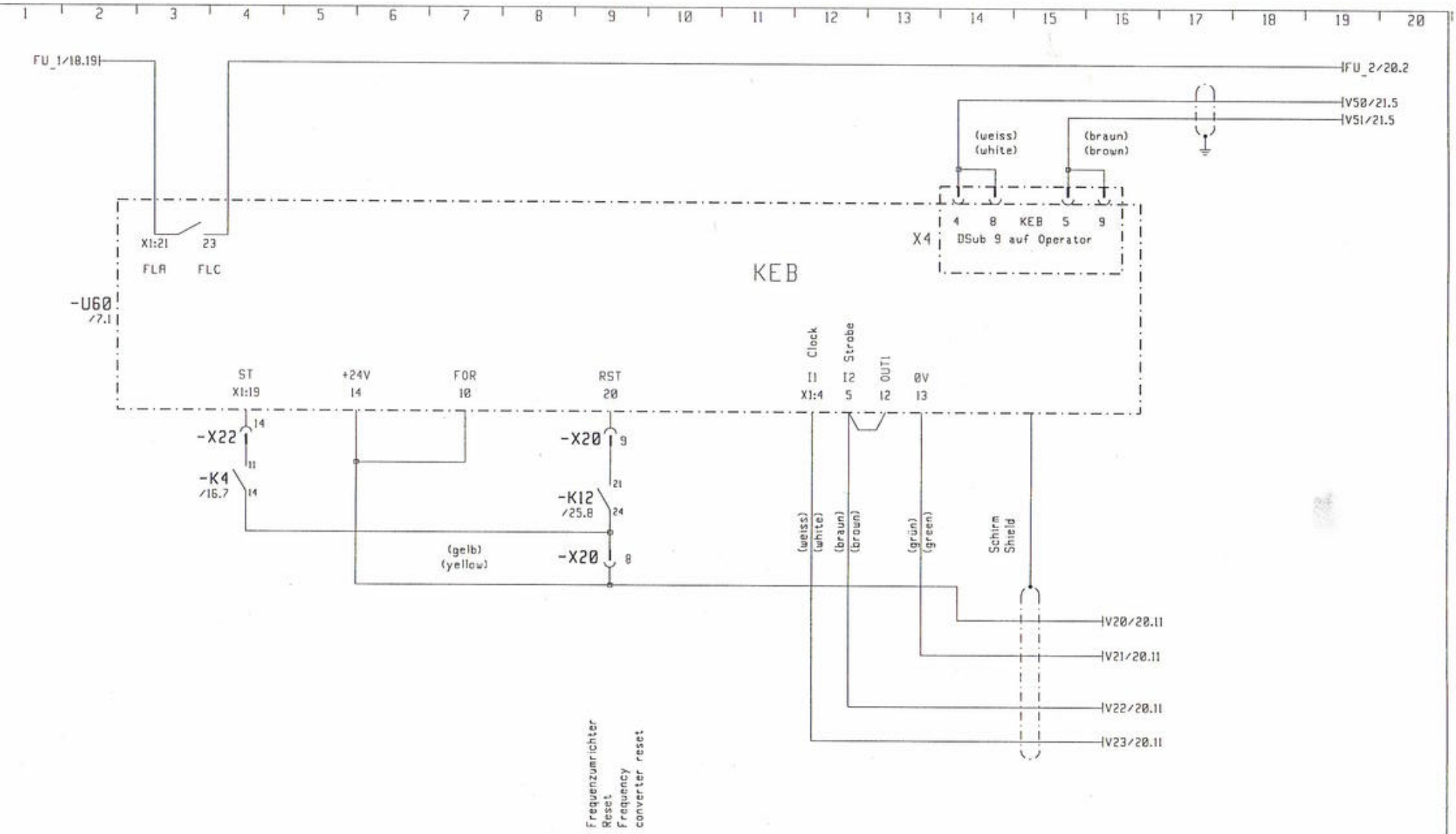

0012000	- ANT	Ringspinnmaschine	de/en	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34				Schema G33/K44 Antrieb KEB/KEB	total: 53
roject file	plant:		language						
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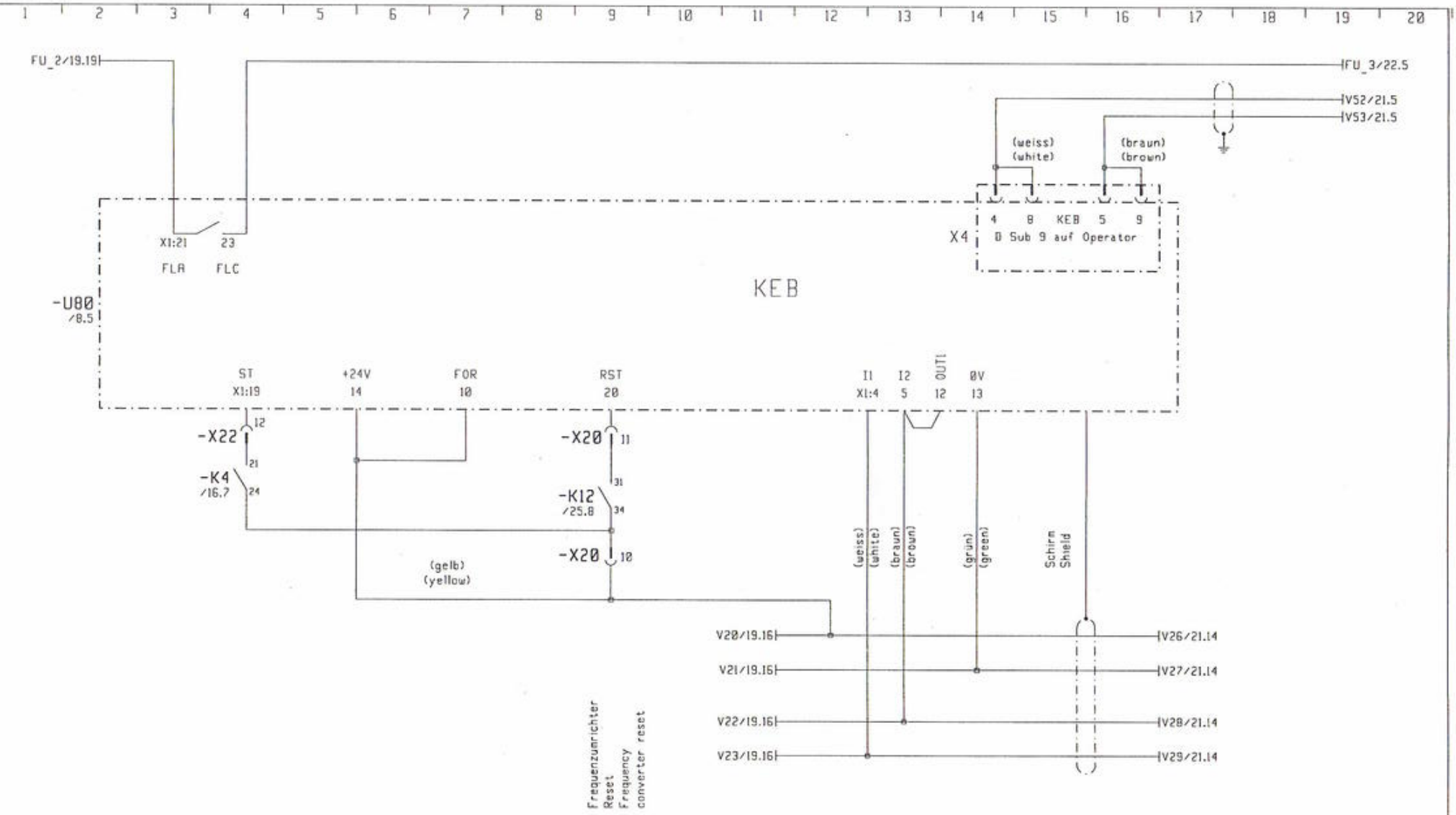
exchange for	place:		departm.	release date	designer	approved by	version		sheet: 19



0012000	= ANT	Ringspinnmaschine	de/en	RIETER Maschinenfabrik Rieter AG				Schema G33/K44 Antrieb KEB/KEB	
Project file	plant:		language	Schutzvermerk nach DIN 34 beachten/Refer to DIN 34					total: 53
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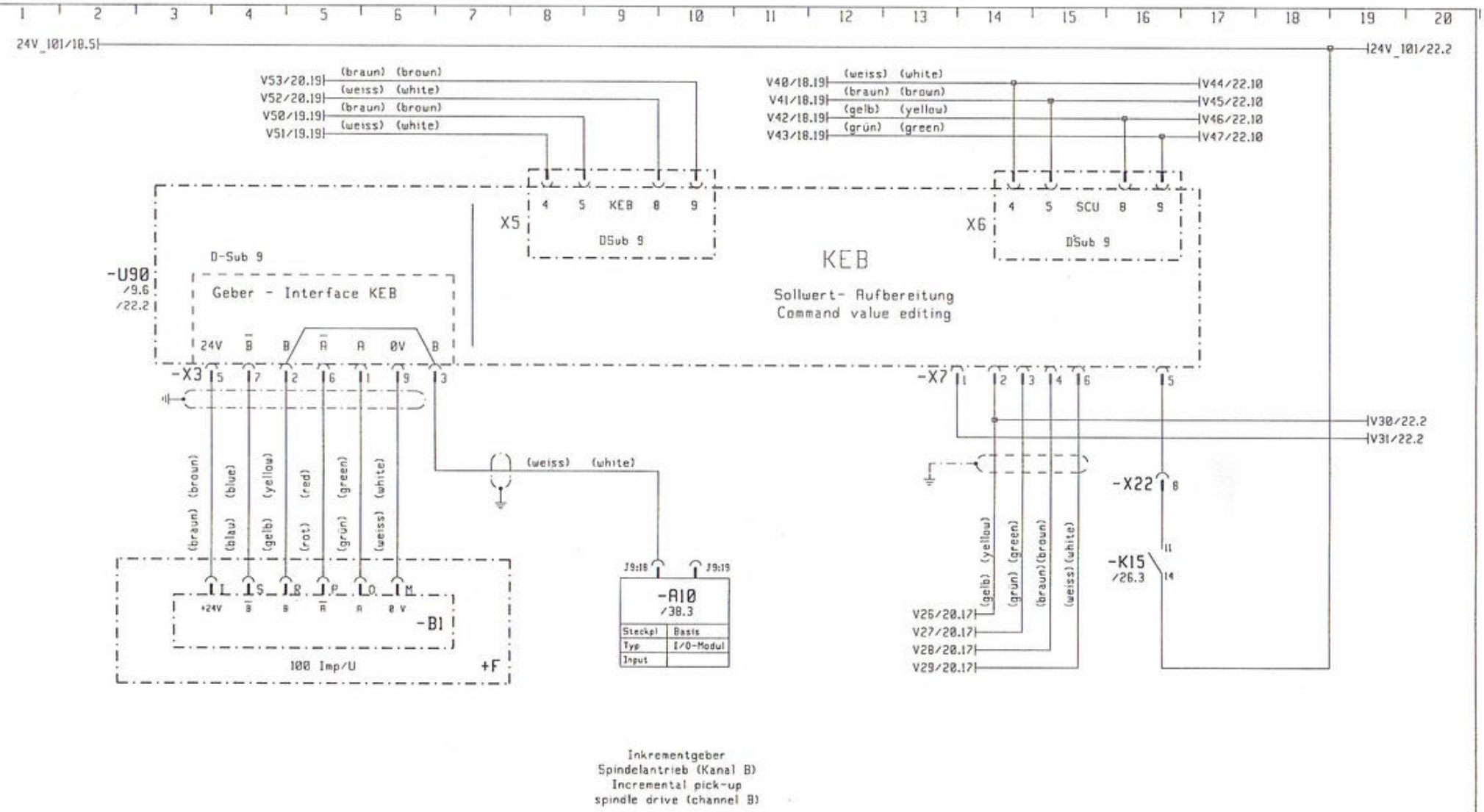

Inkrementgeber
Spindelantrieb (Kanal B)
Incremental pick-up
spindle drive (channel B)

0012000	= ANT	Ringspinnmaschine	de/en	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34				Schema G33/K44 Antrieb KEB/KEB	
roject file	plant:		language						total: 53
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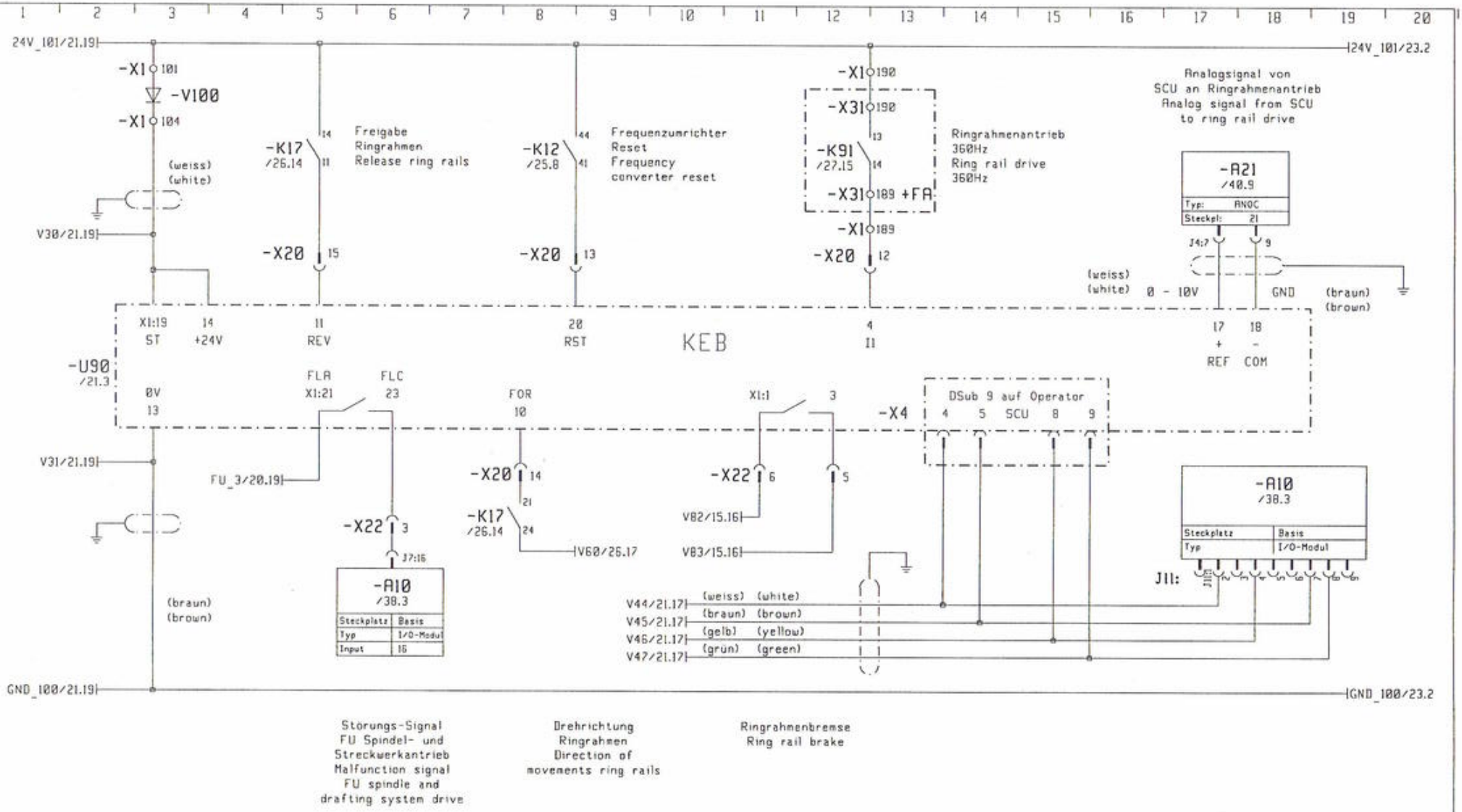
exchange for	place:		departm.	release date	designer	approved by	version		sheet: 21



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roject file	plant:		language						
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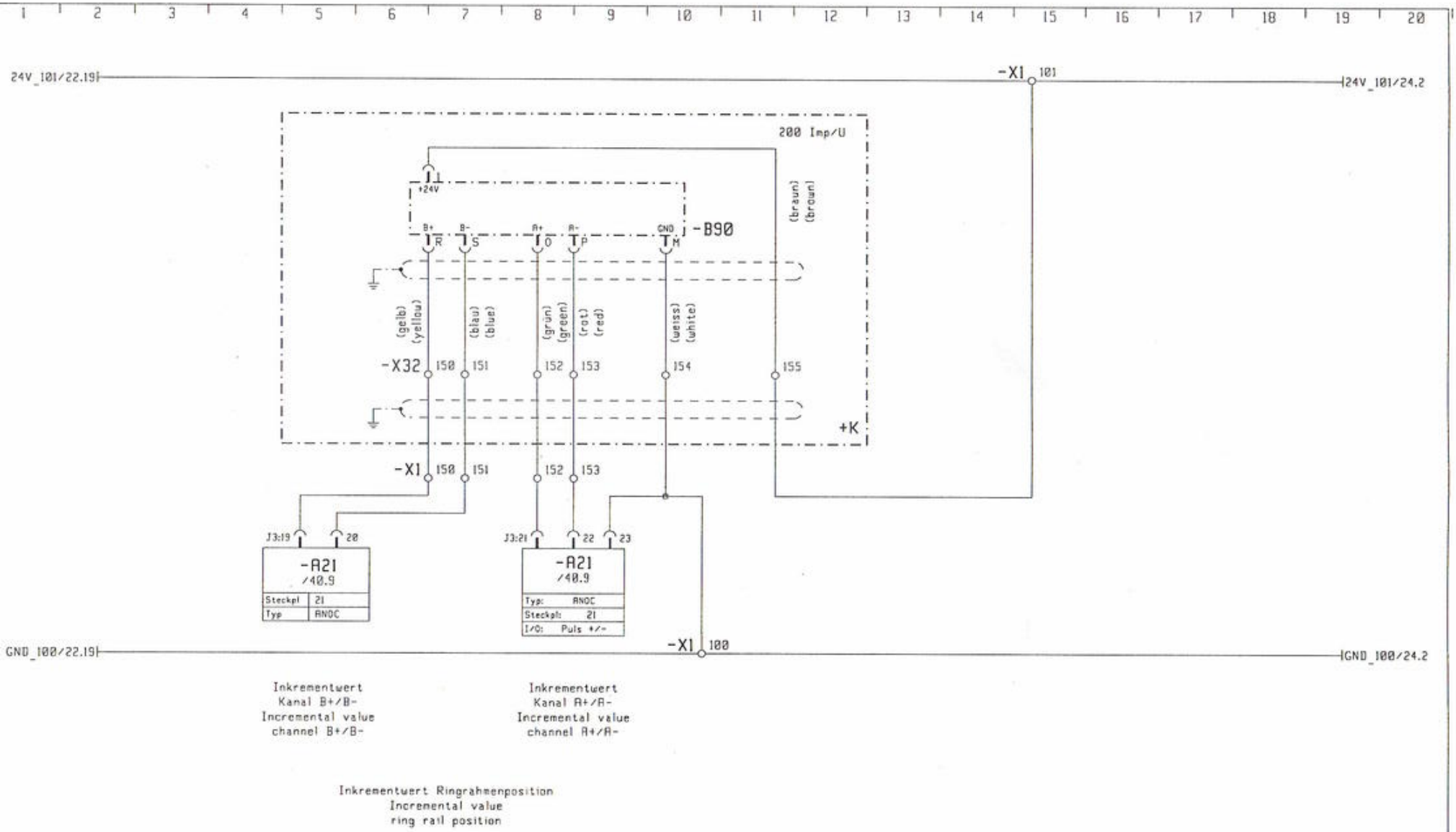
exchange for	place:		departm.	release date	designer	approved by	version		sheet: 22



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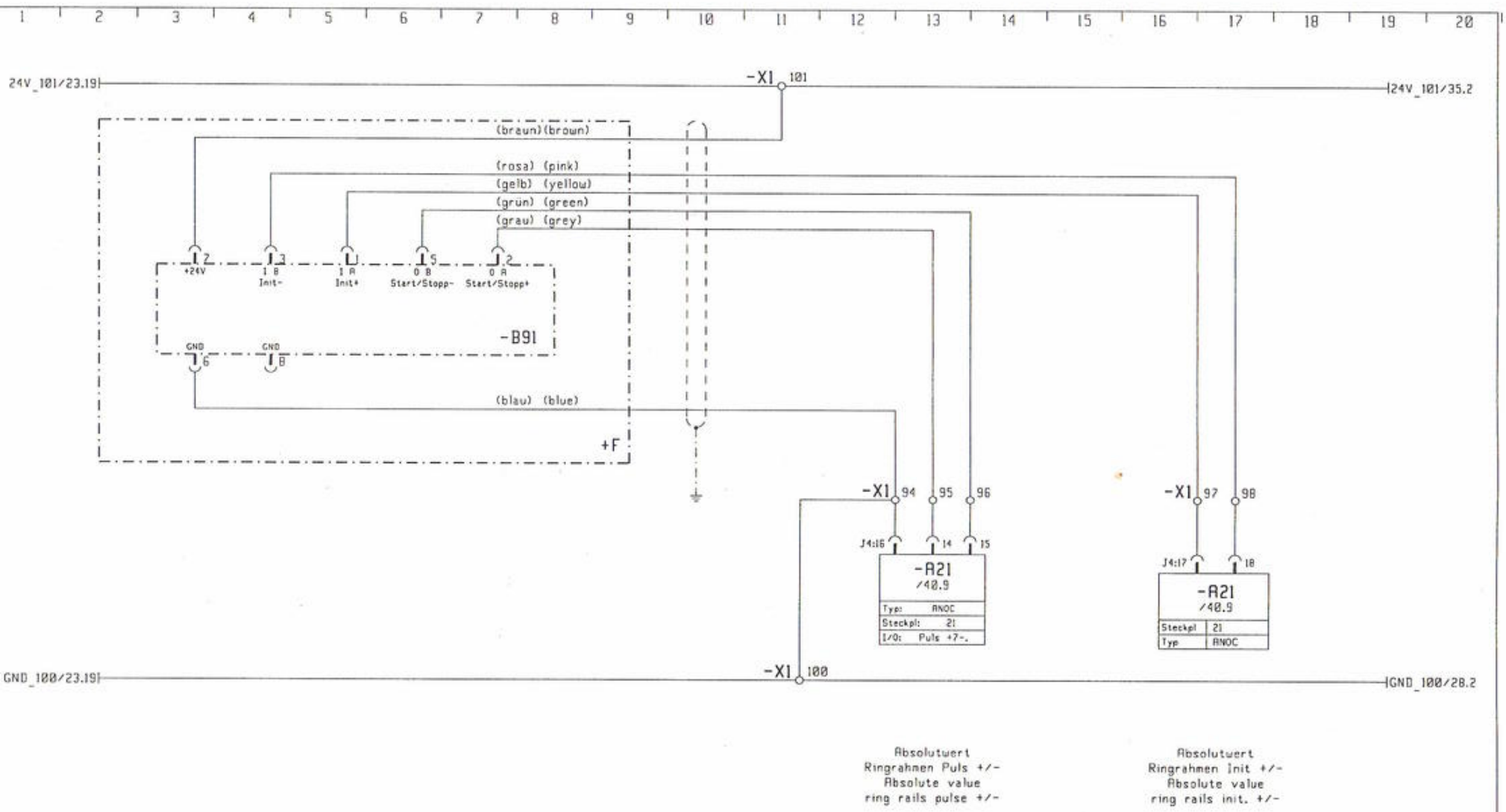
exchange for	place:		departm.	release date	designer	approved by	version		sheet: 23



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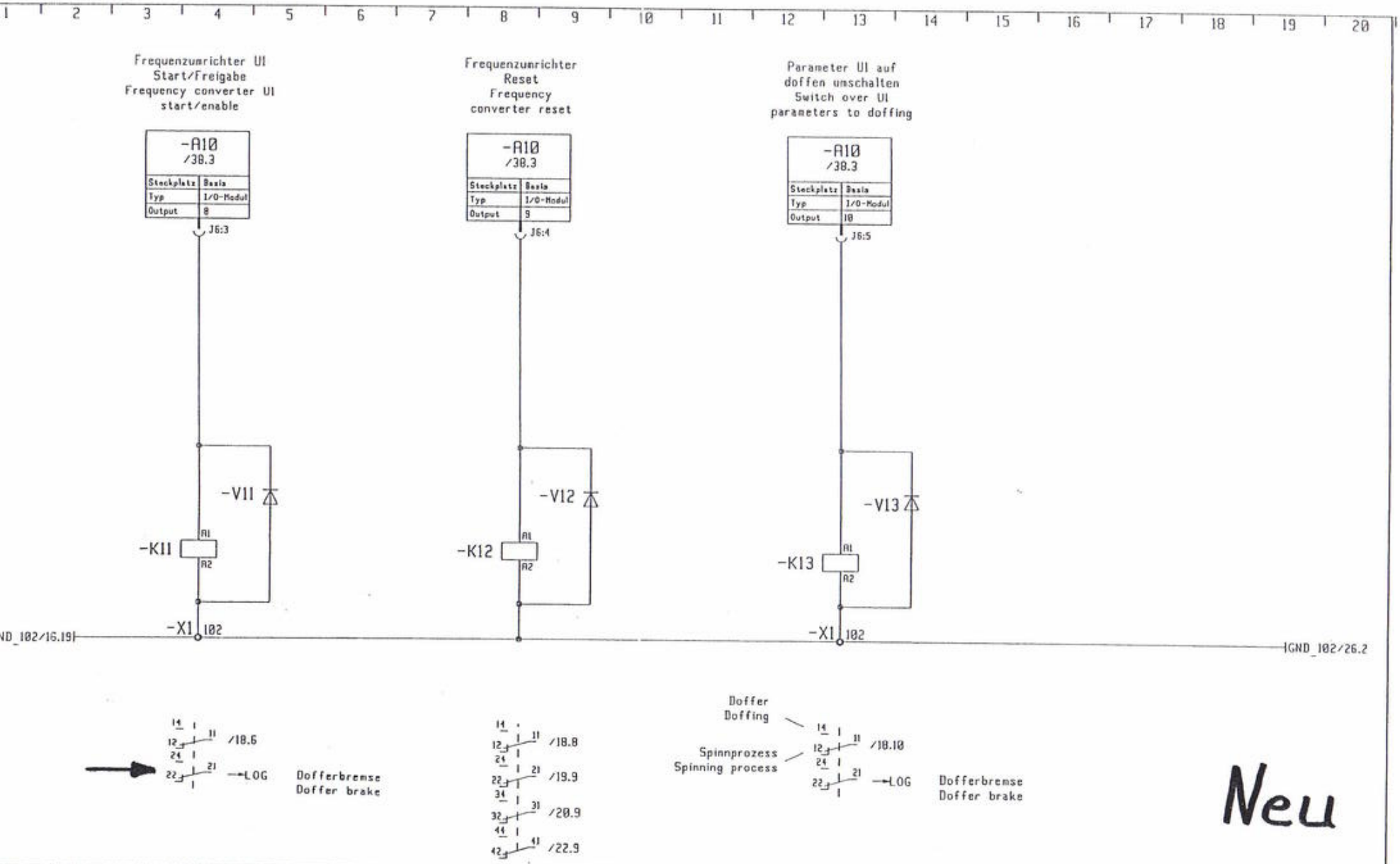

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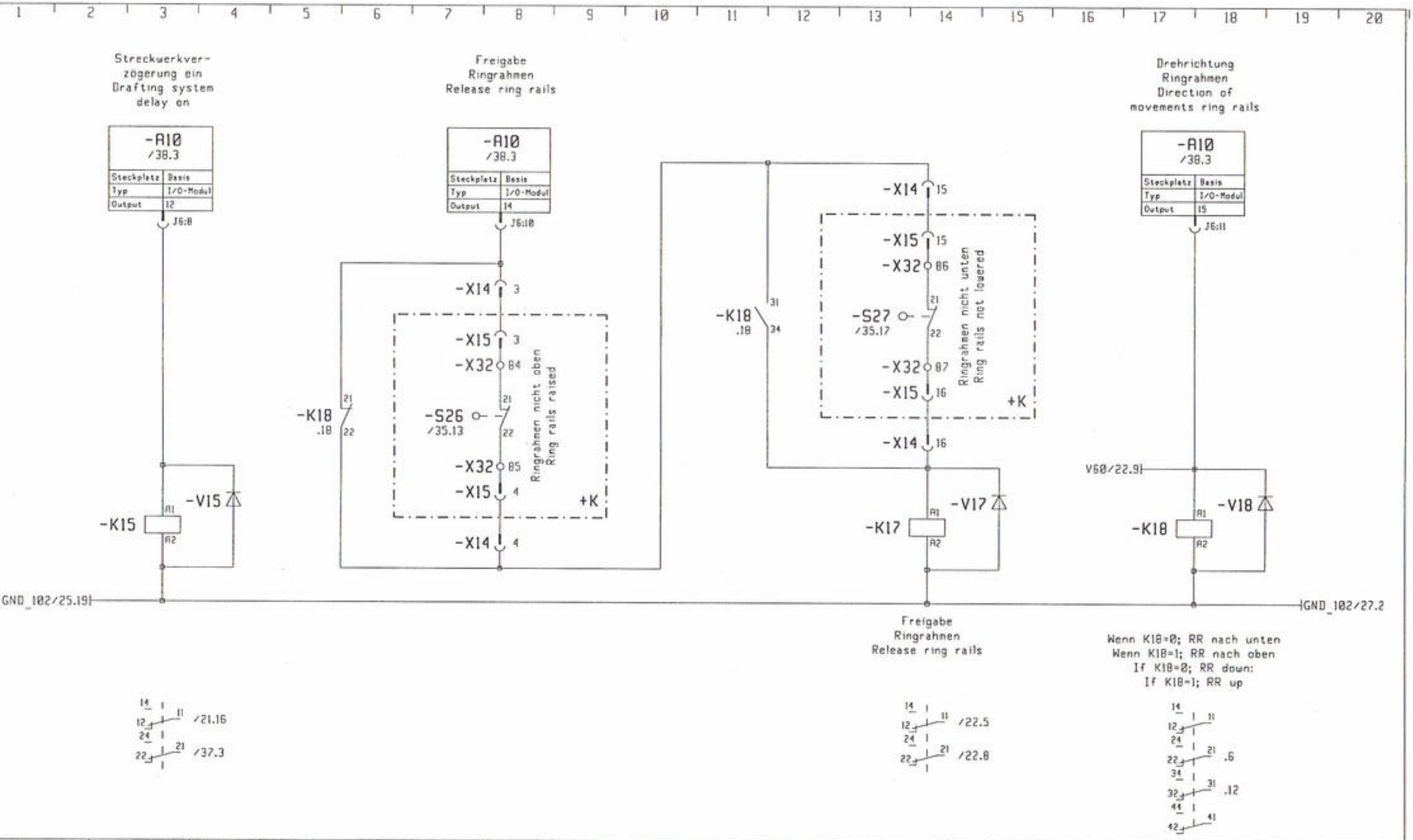

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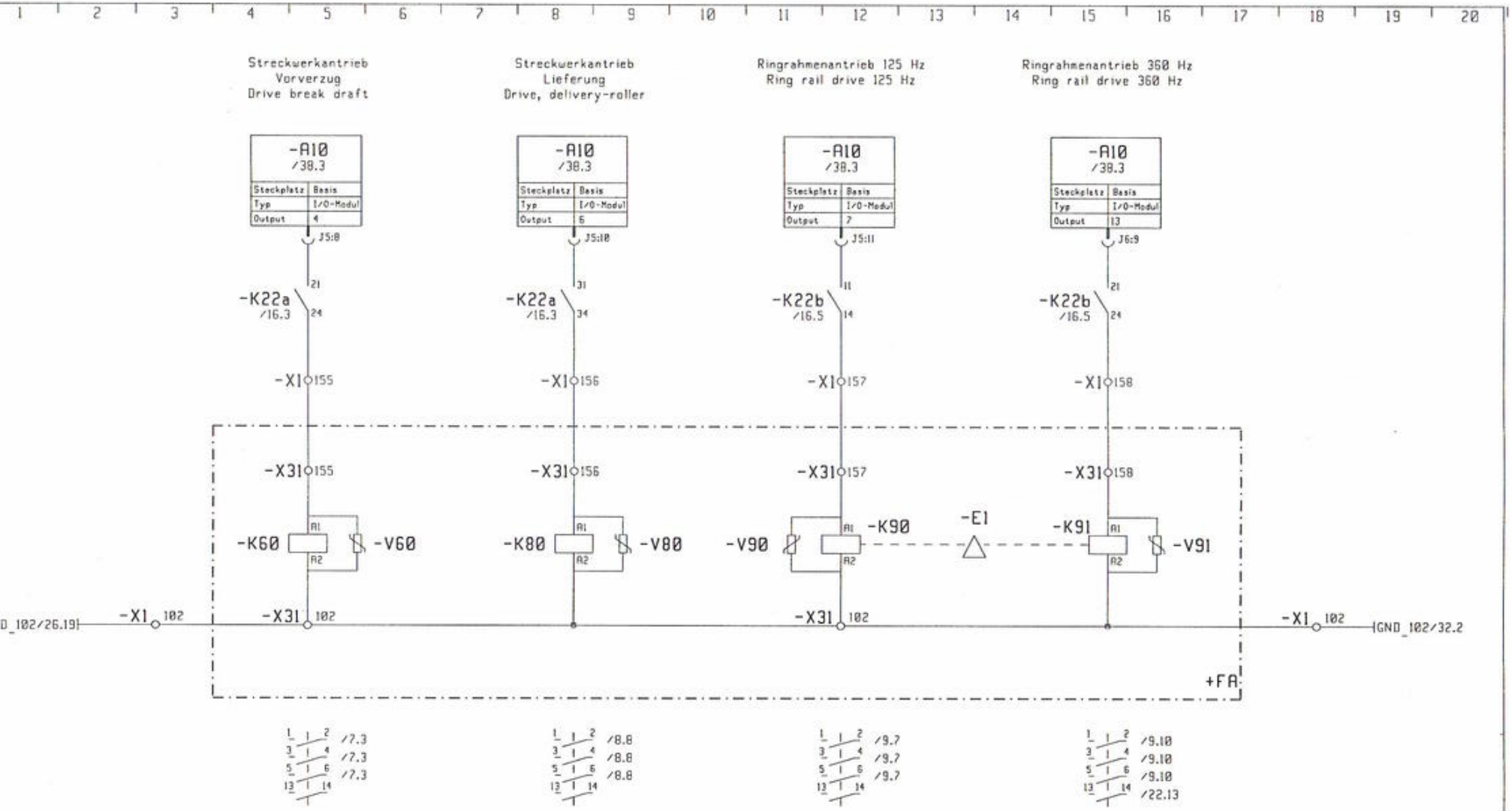
exchange for	place:		deparim.	release date	designer	approved by	version		sheet: 26



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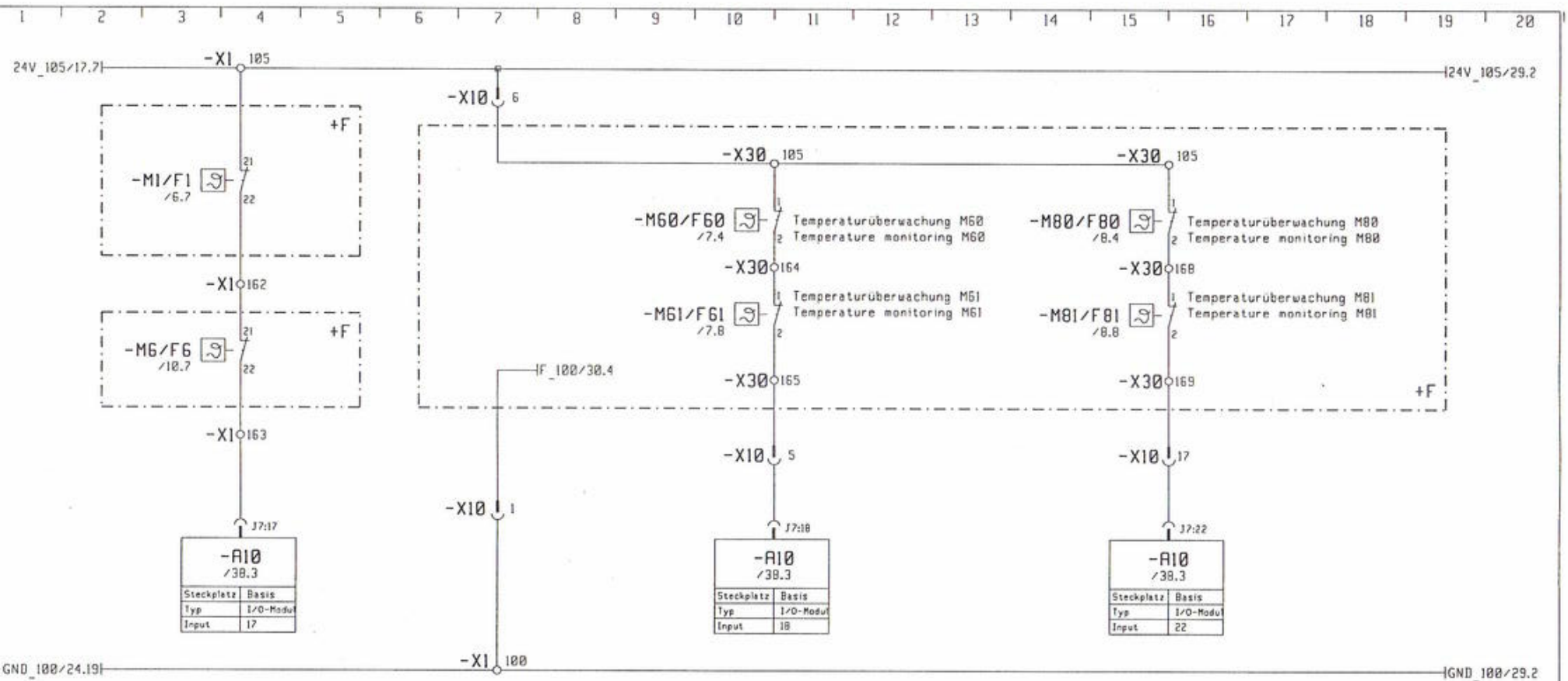
exchange for	place:		departm	release date	designer	approved by	version	sheet: 27



Temperaturüberwachung
Spindelmotor/Absaugung
Temperature monitor
spindle motor/suction system

Temperaturüberwachung
M60/61 Fuss
Temperature monitoring
M60/61 End stock

Temperaturüberwachung
M80/81 Fuss
Temperature monitoring
M80/81 End stock

0012000	= ANT	Ringspinnmaschine	de/en	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Reier to DIN 34				Schema G33/K44 Antrieb KEB/KEB	total: 53
oject file	plant:		language						
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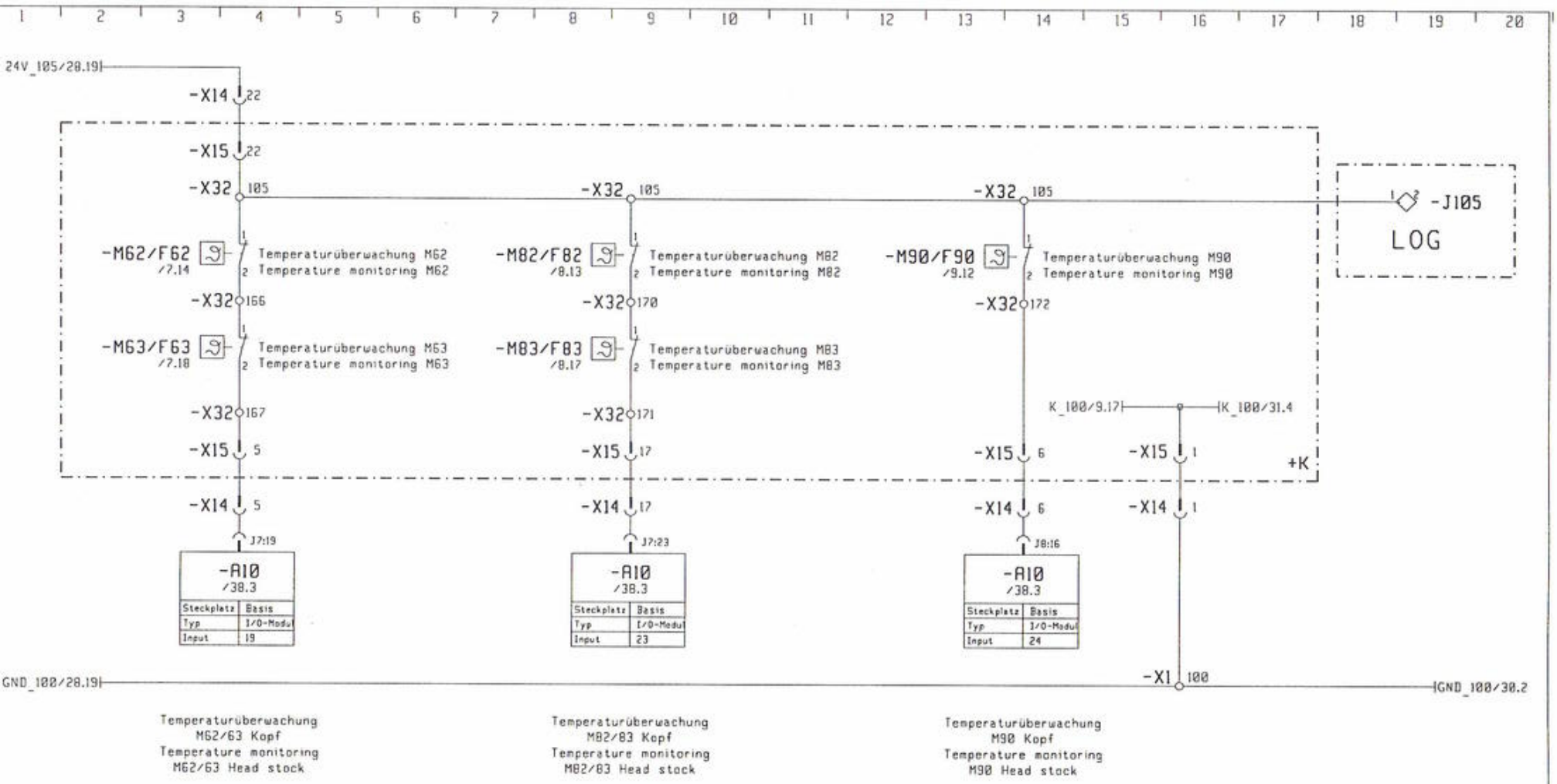
exchange for	place:		departm	release date	designer	approved by	version		sheet: 28



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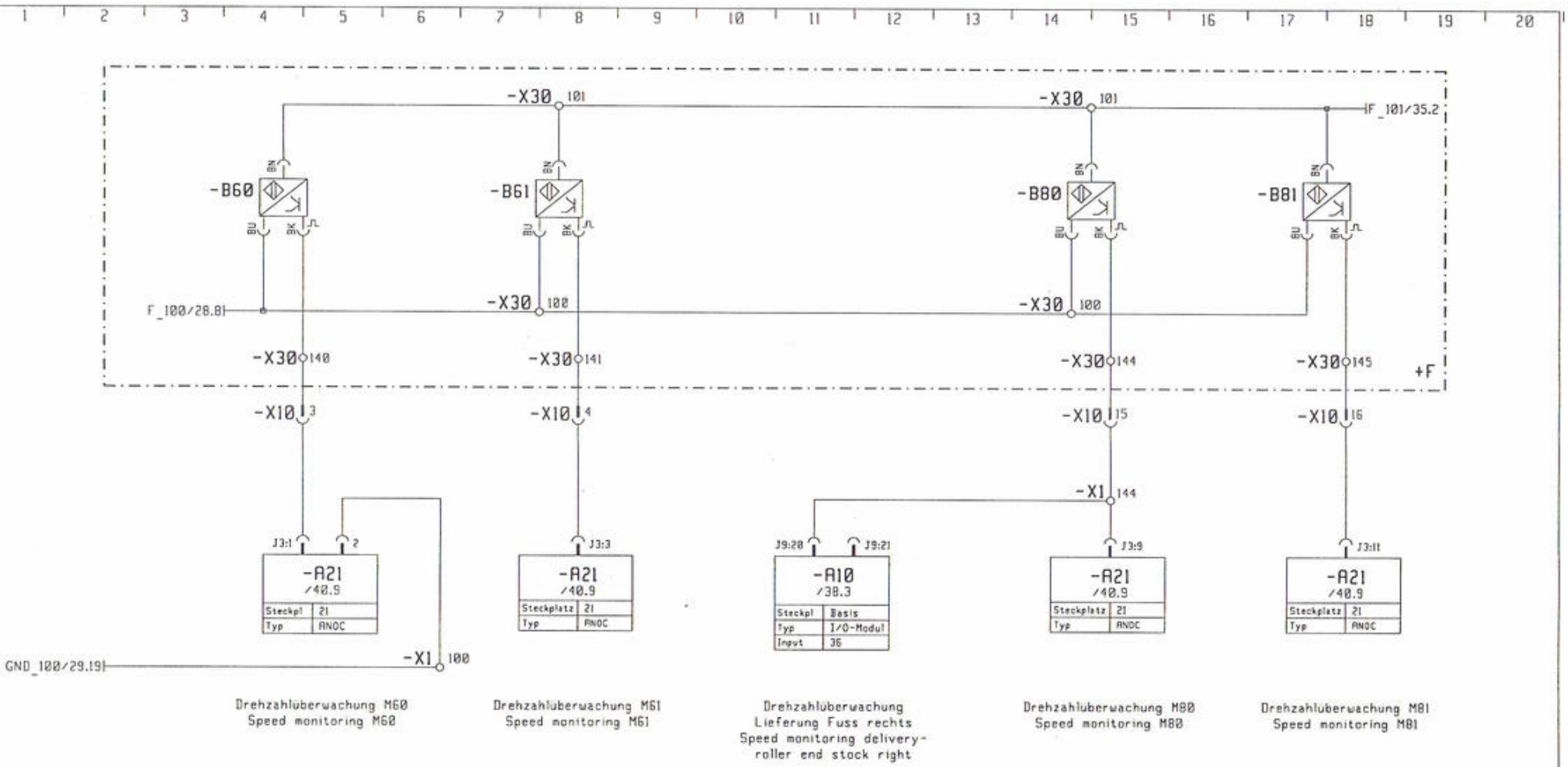

Drehzahlüberwachung M60
Speed monitoring M60

Drehzahlüberwachung M61
Speed monitoring M61

Drehzahlüberwachung
Lieferung Fuss rechts
Speed monitoring delivery-
roller end stock right

Drehzahlüberwachung M80
Speed monitoring M80

Drehzahlüberwachung M81
Speed monitoring M81

0012000	= ANT	Ringspinnmaschine	de/en	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34				Schema G33/K44 Antrieb KEB/KEB	total: 53
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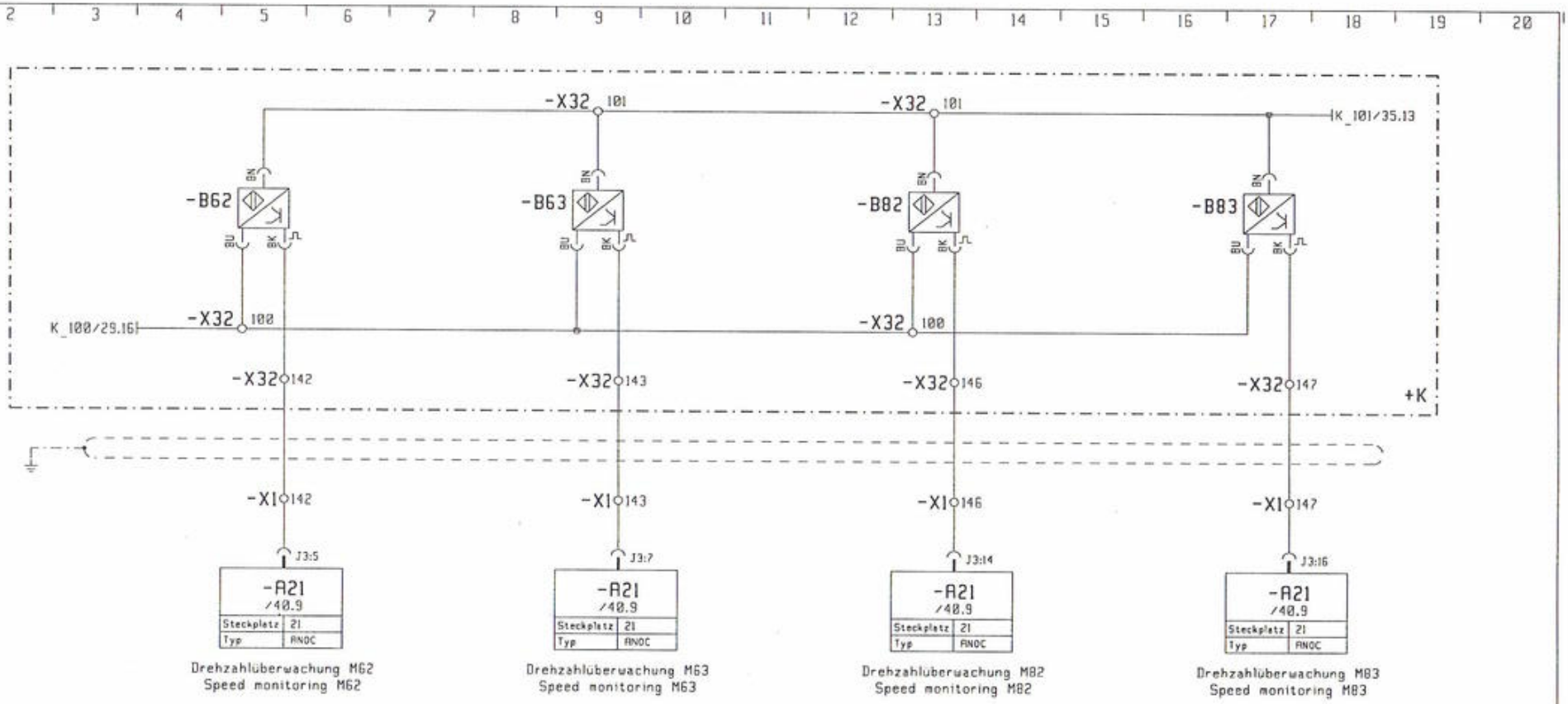

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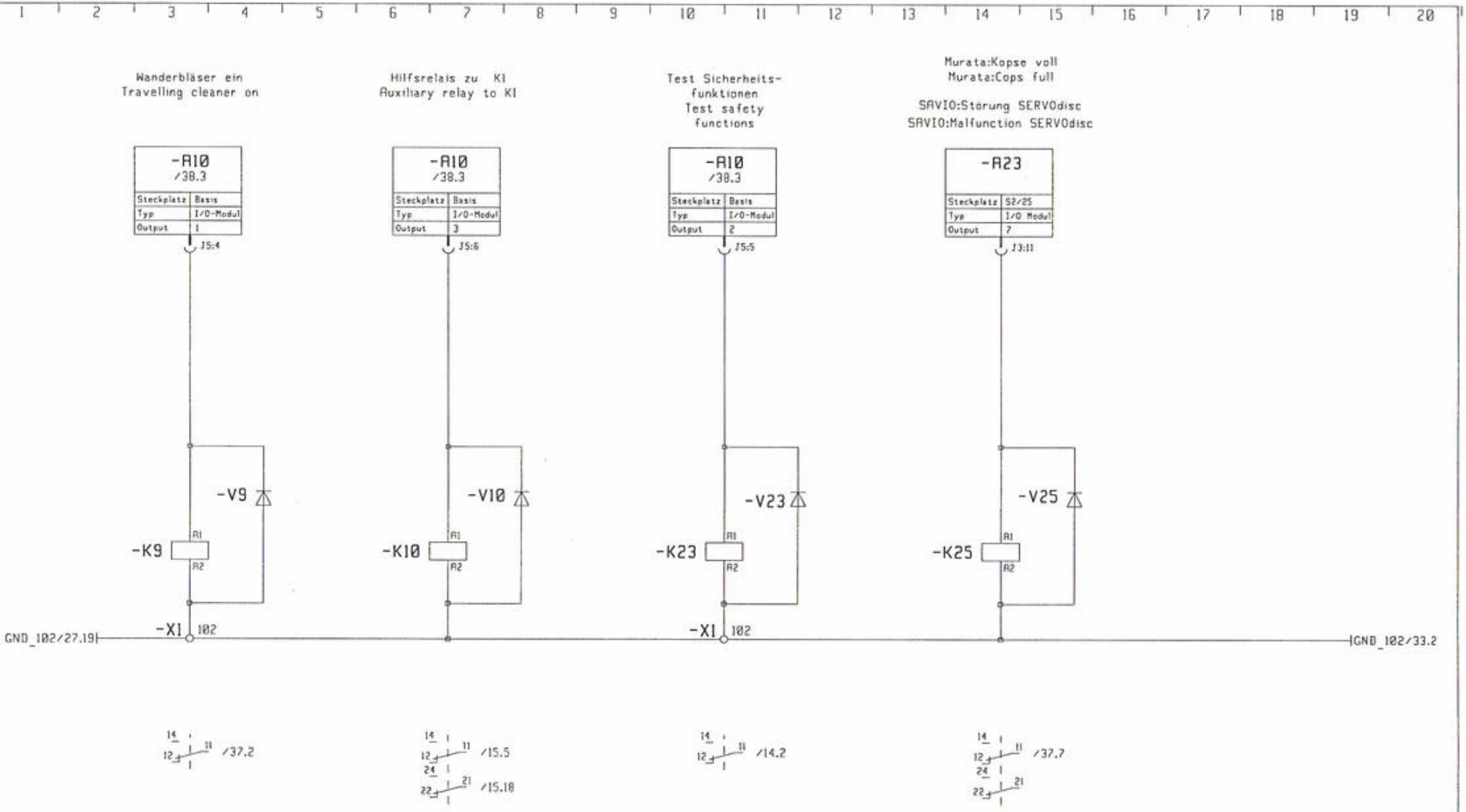

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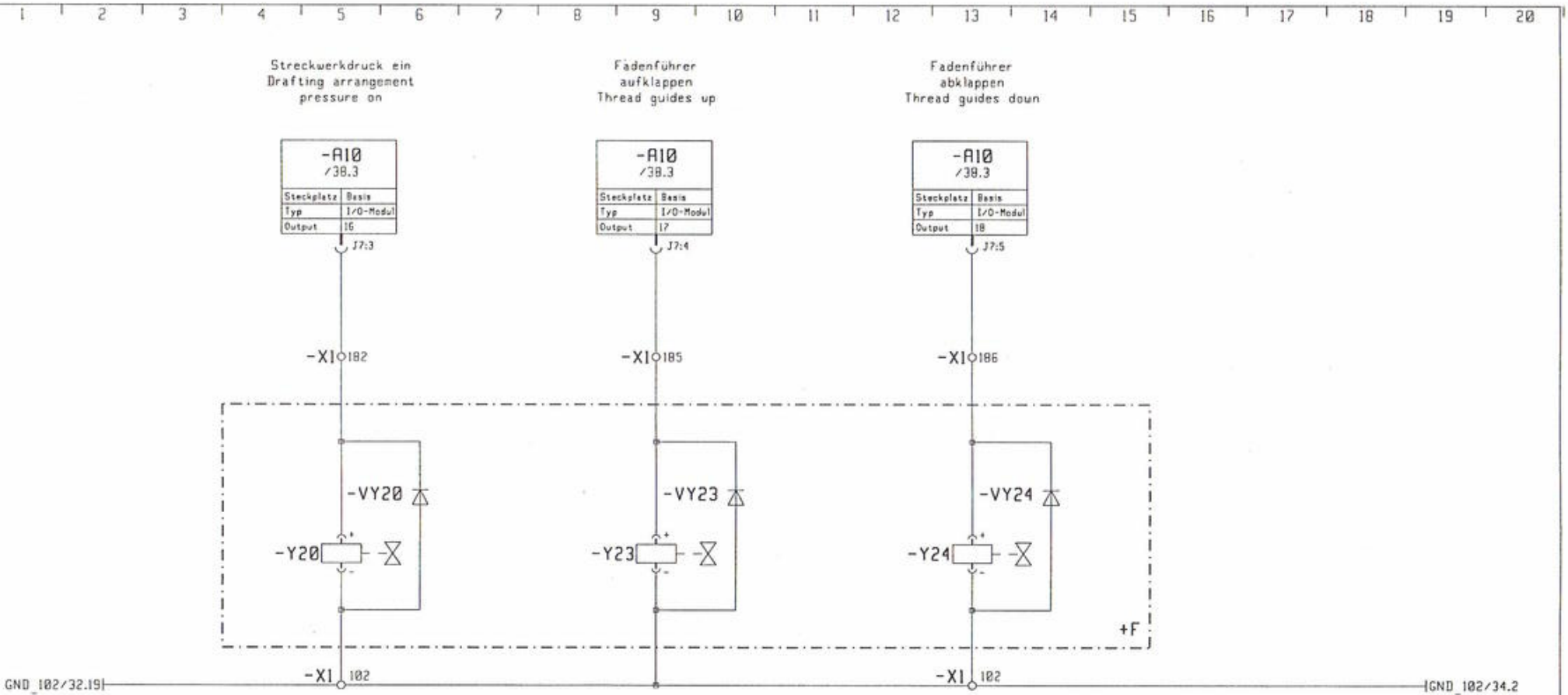

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roject file	plant:		language						
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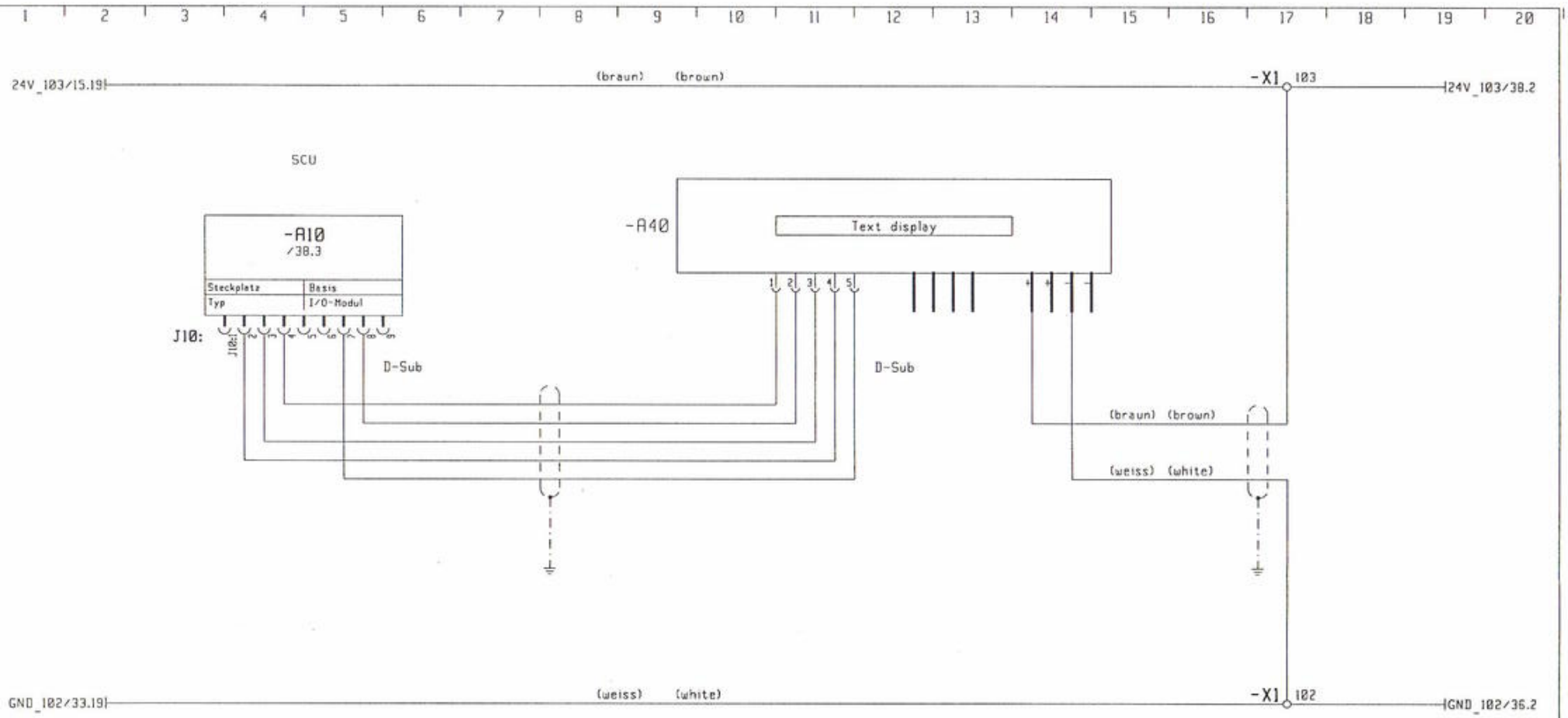

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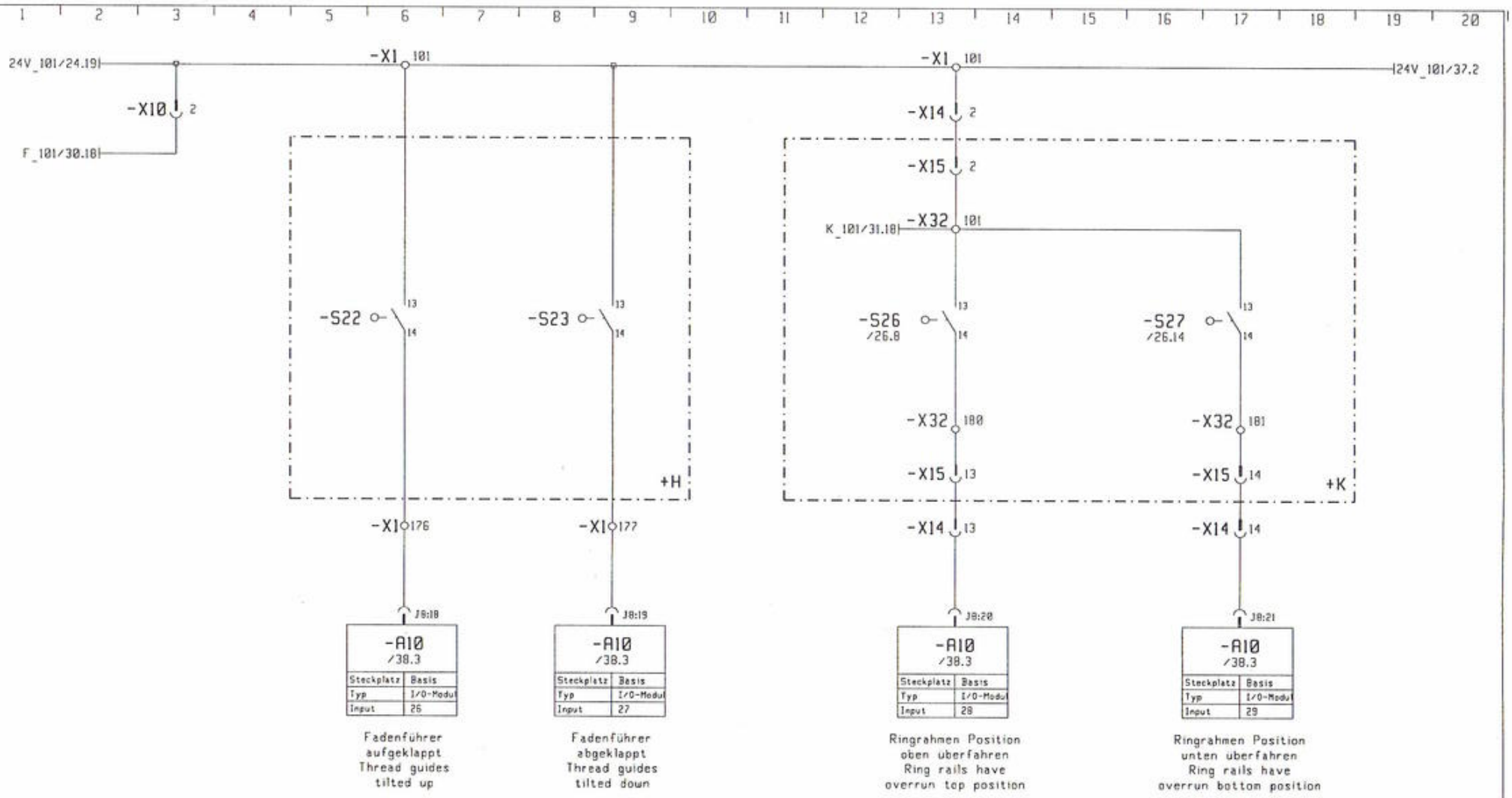
n exchange for	place:		deparlm.	release date	designer	approved by	version		sheet: 34



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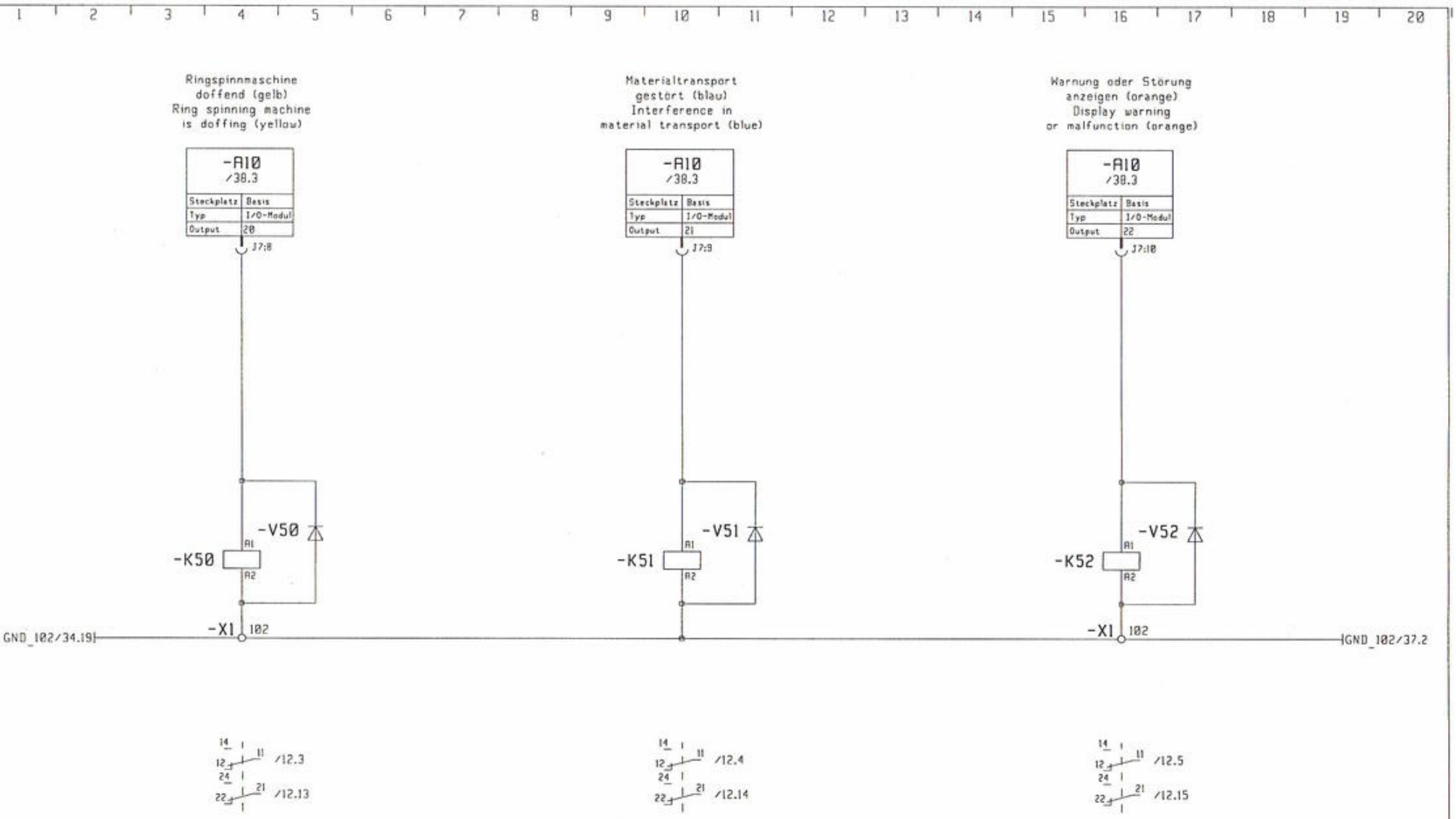

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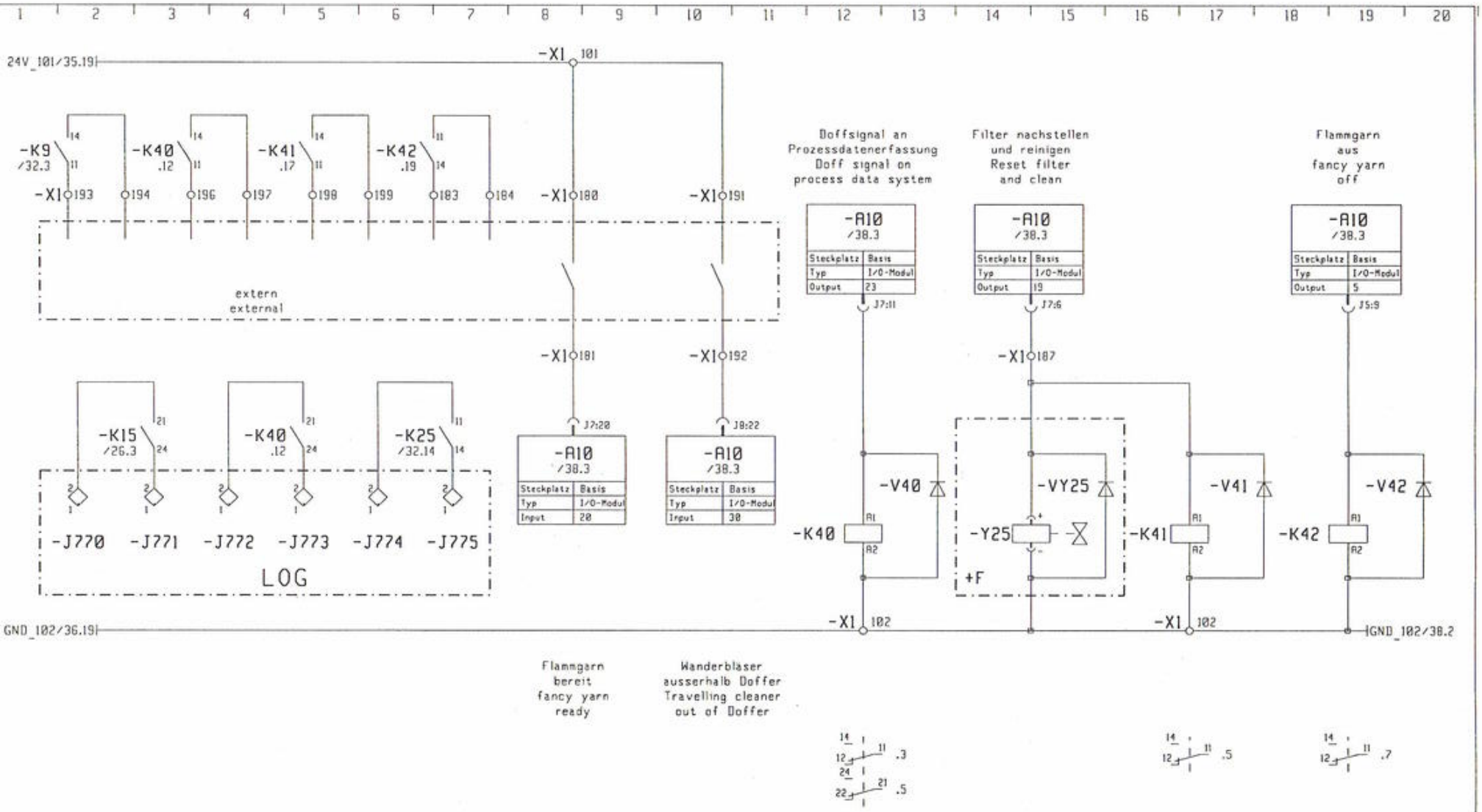

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roject file	plant:		language						
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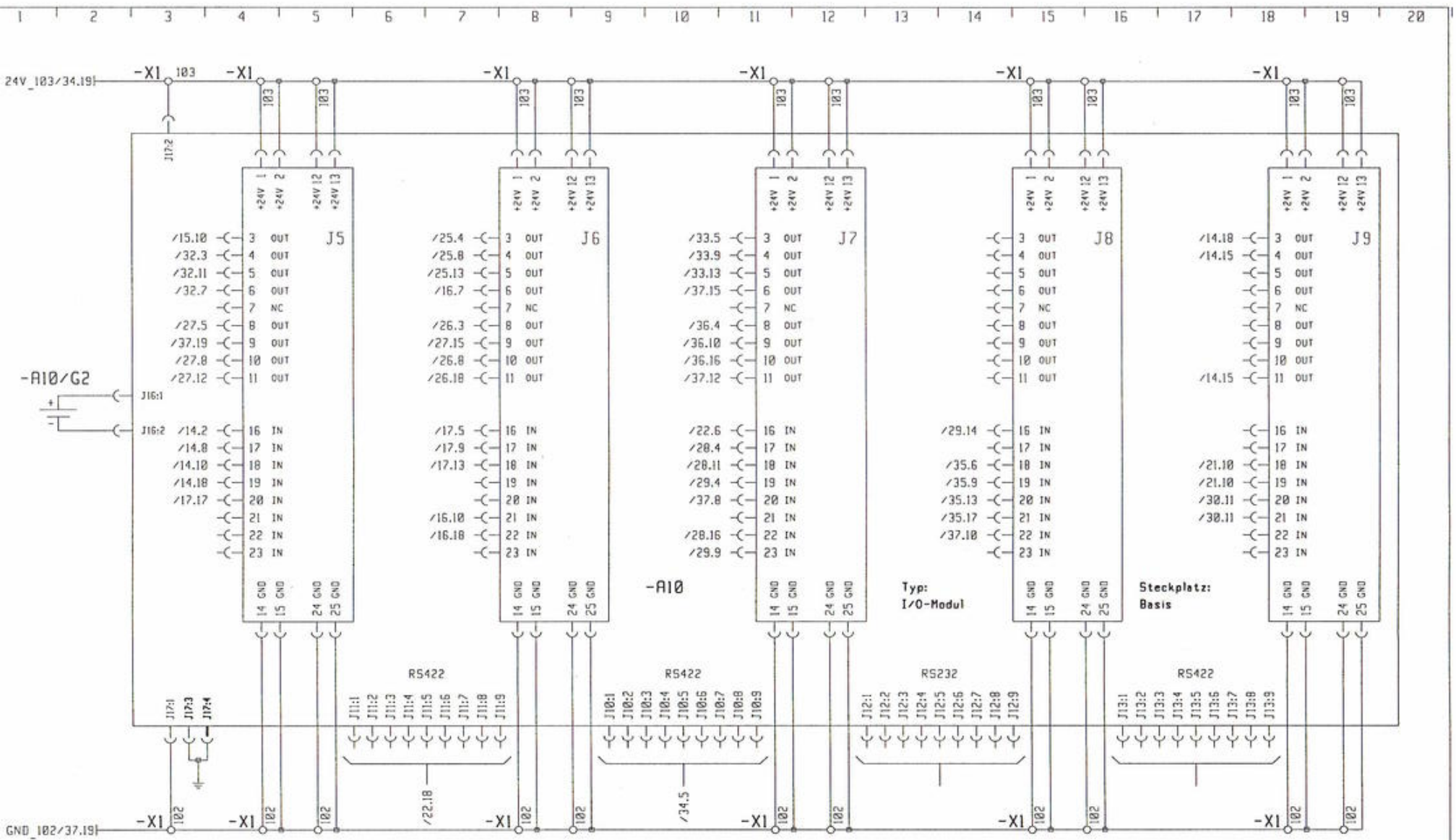
exchange for	place:		departm.	release date	designer	approved by	version	10012000	sheet: 37



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roject file	plant:		language					
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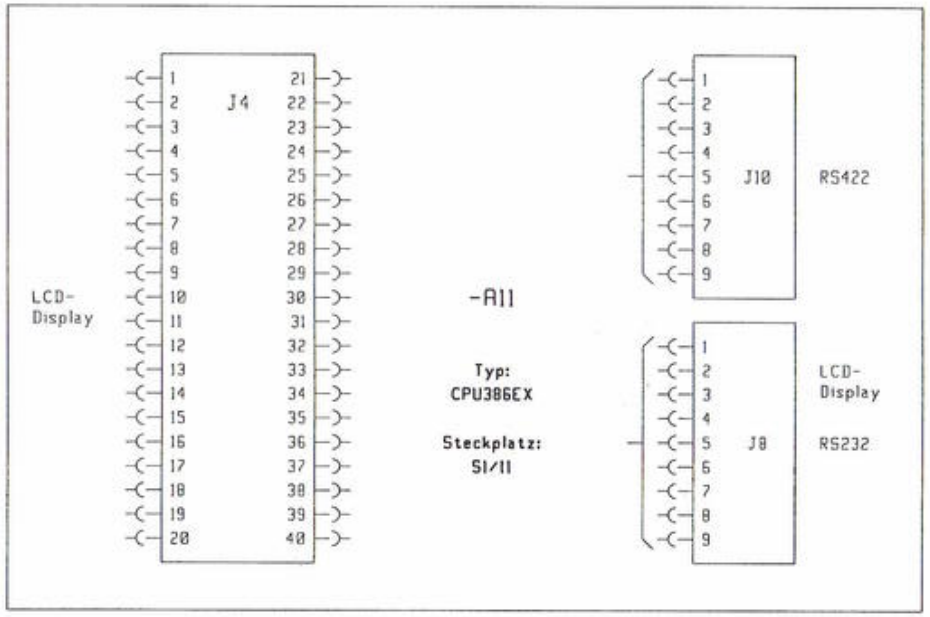
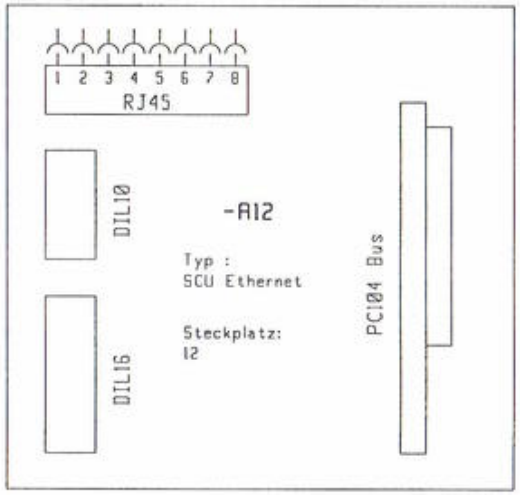
exchange for	place:		departm	release date	designer	approved by	version	sheet: 38





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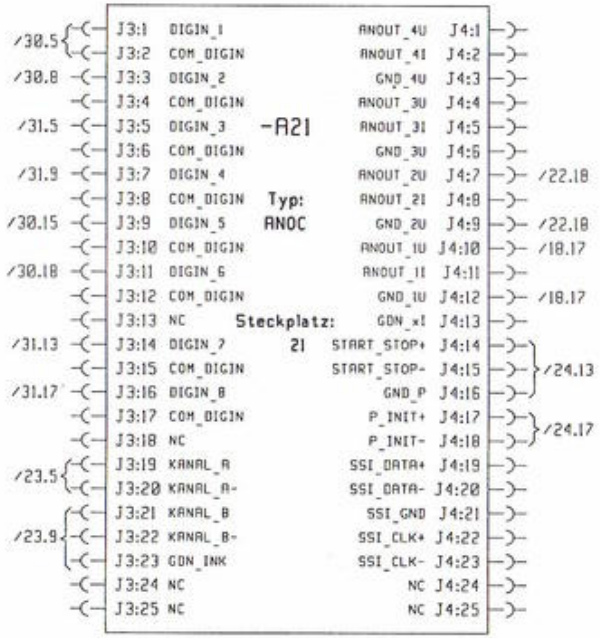

0012000	= ANT	Ringspinnmaschine	de/en	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34				Schema G33/K44 Antrieb KEB/KEB	total: 53
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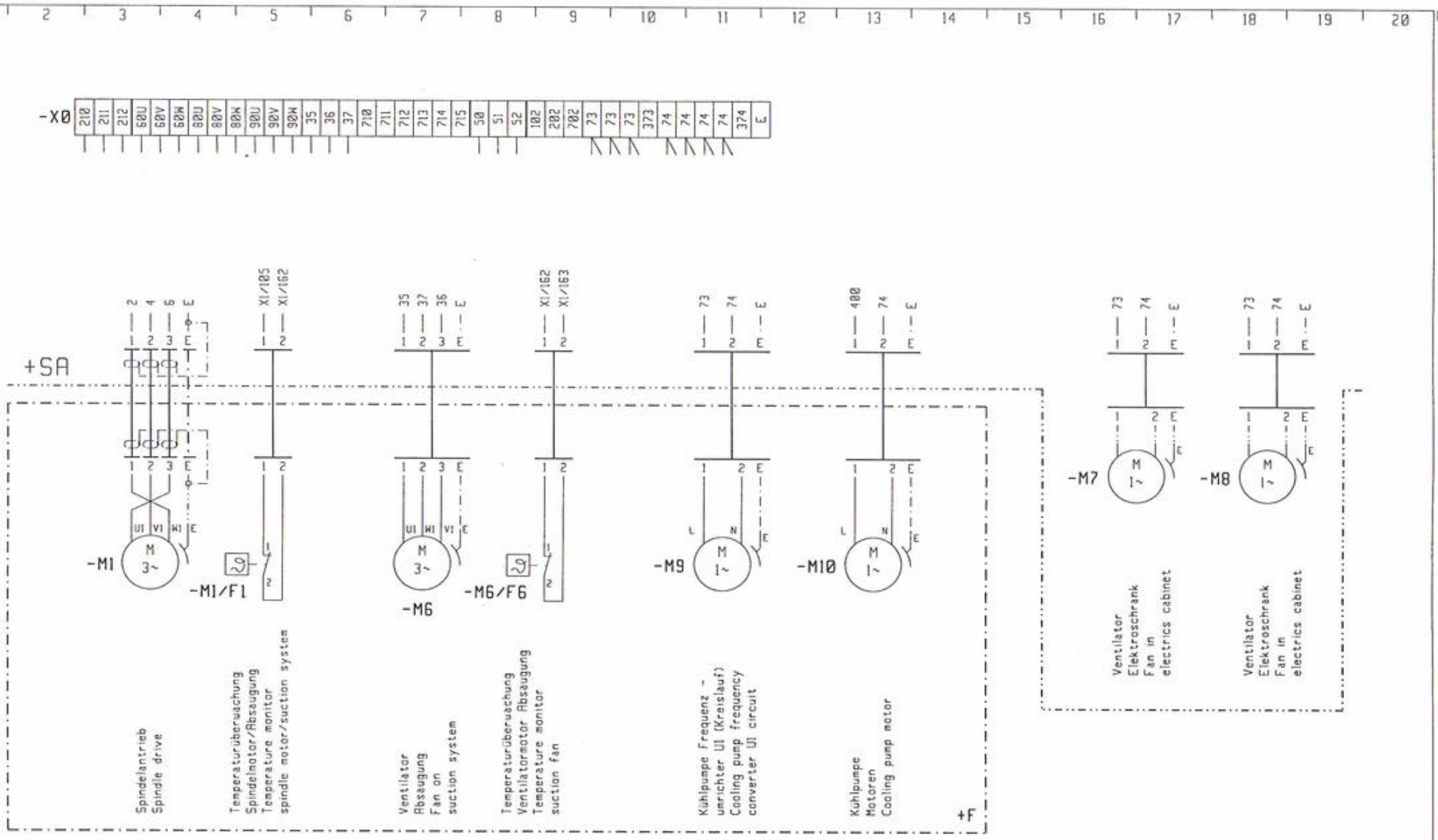

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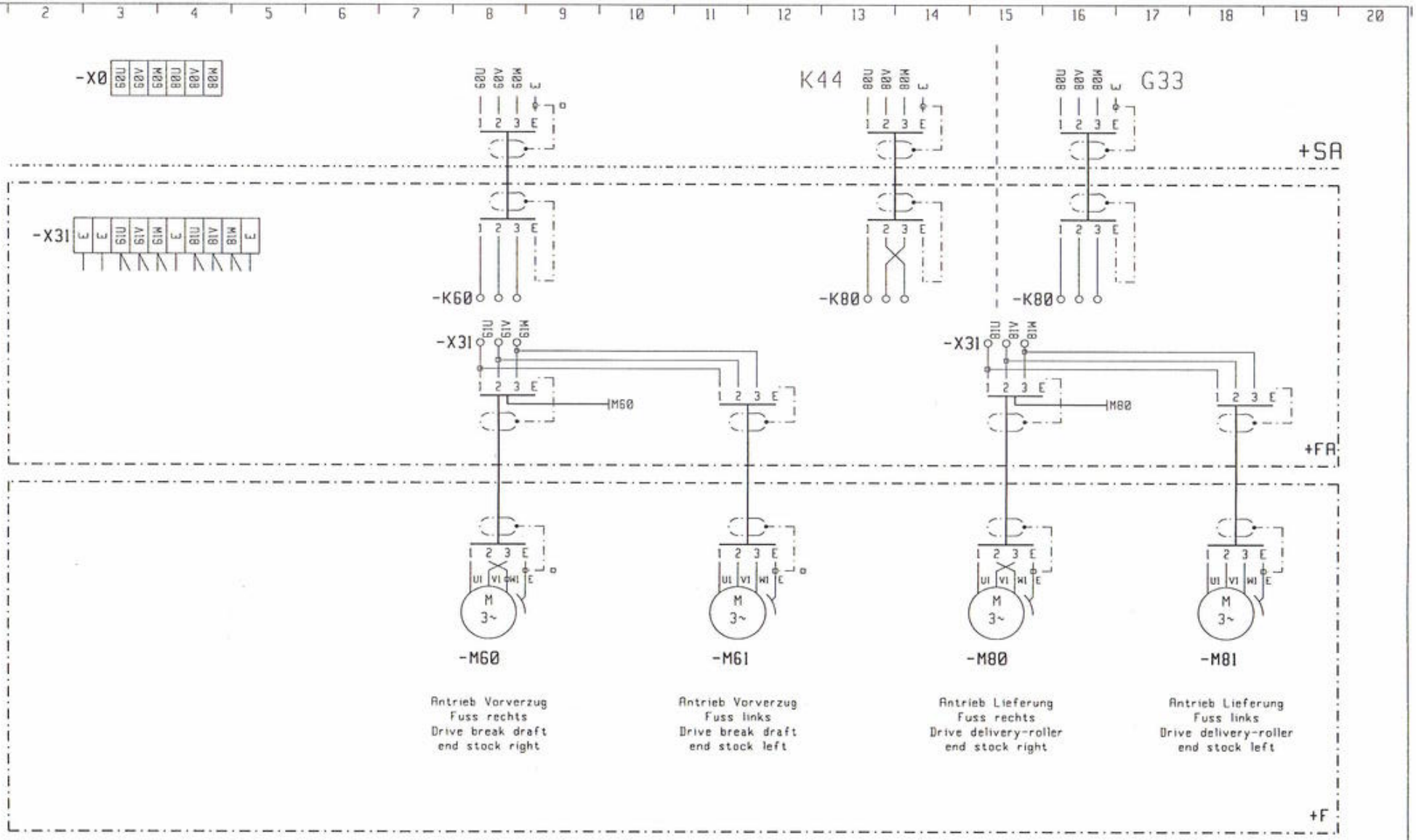

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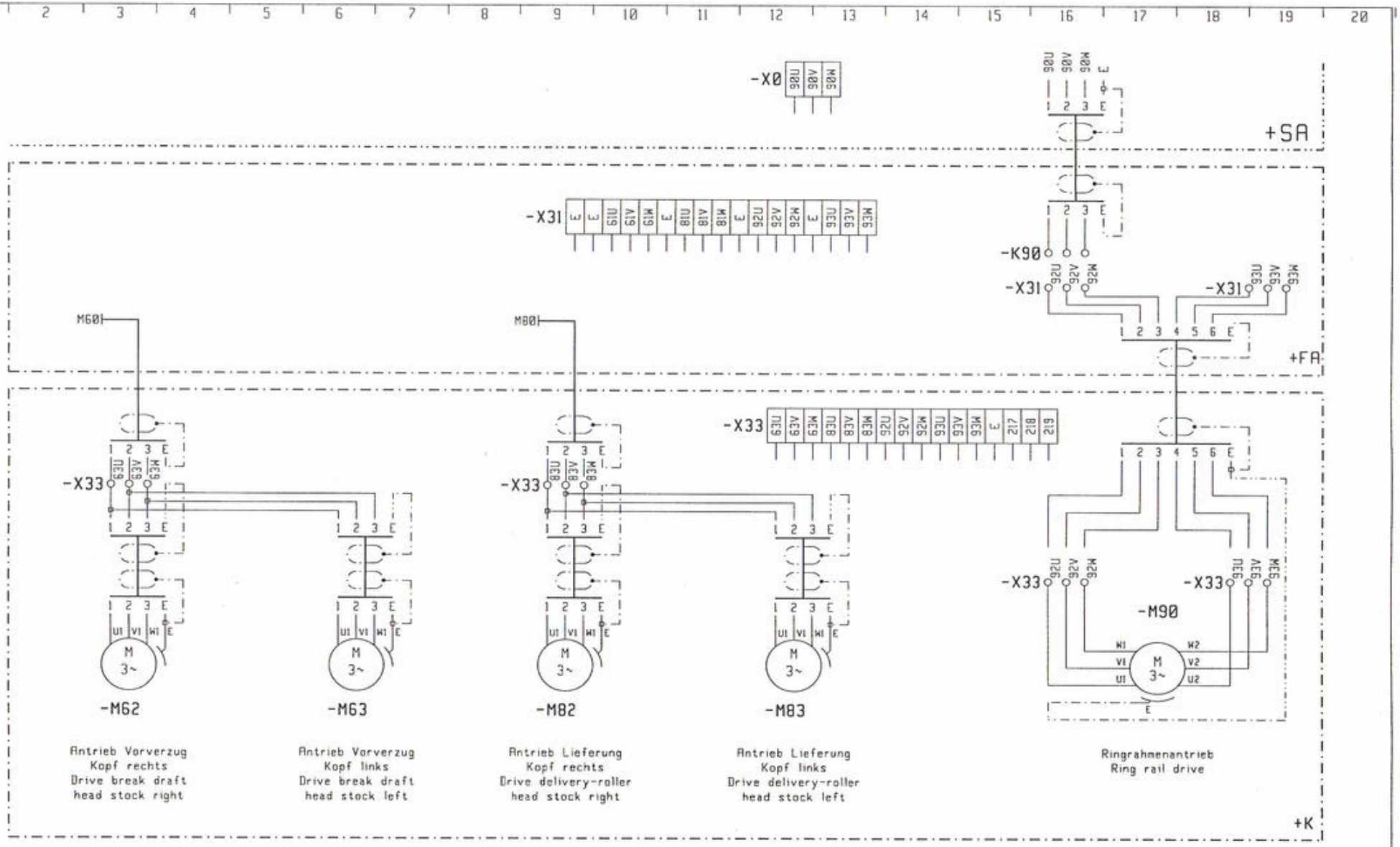

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roject file	plant:		language						
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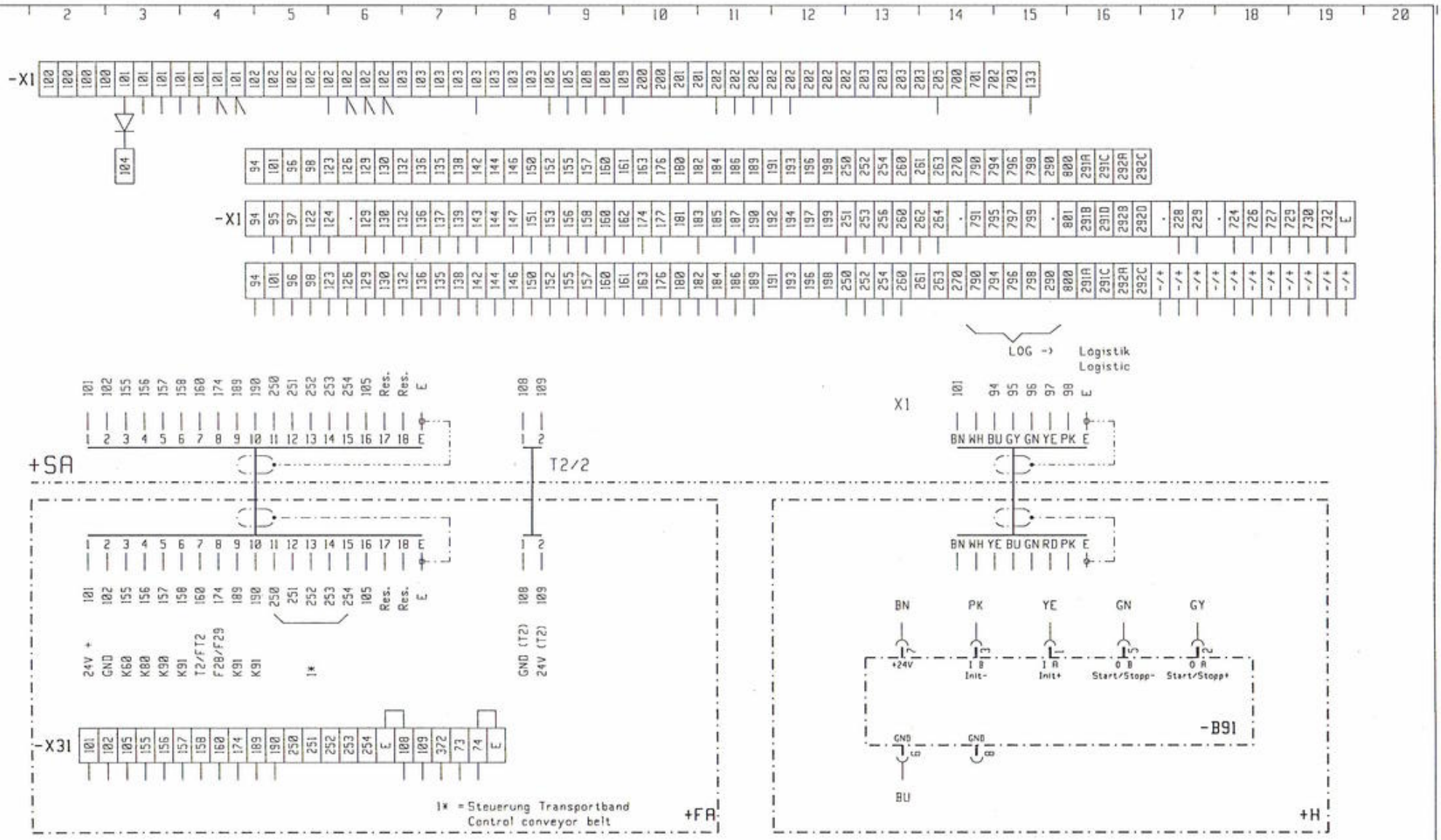

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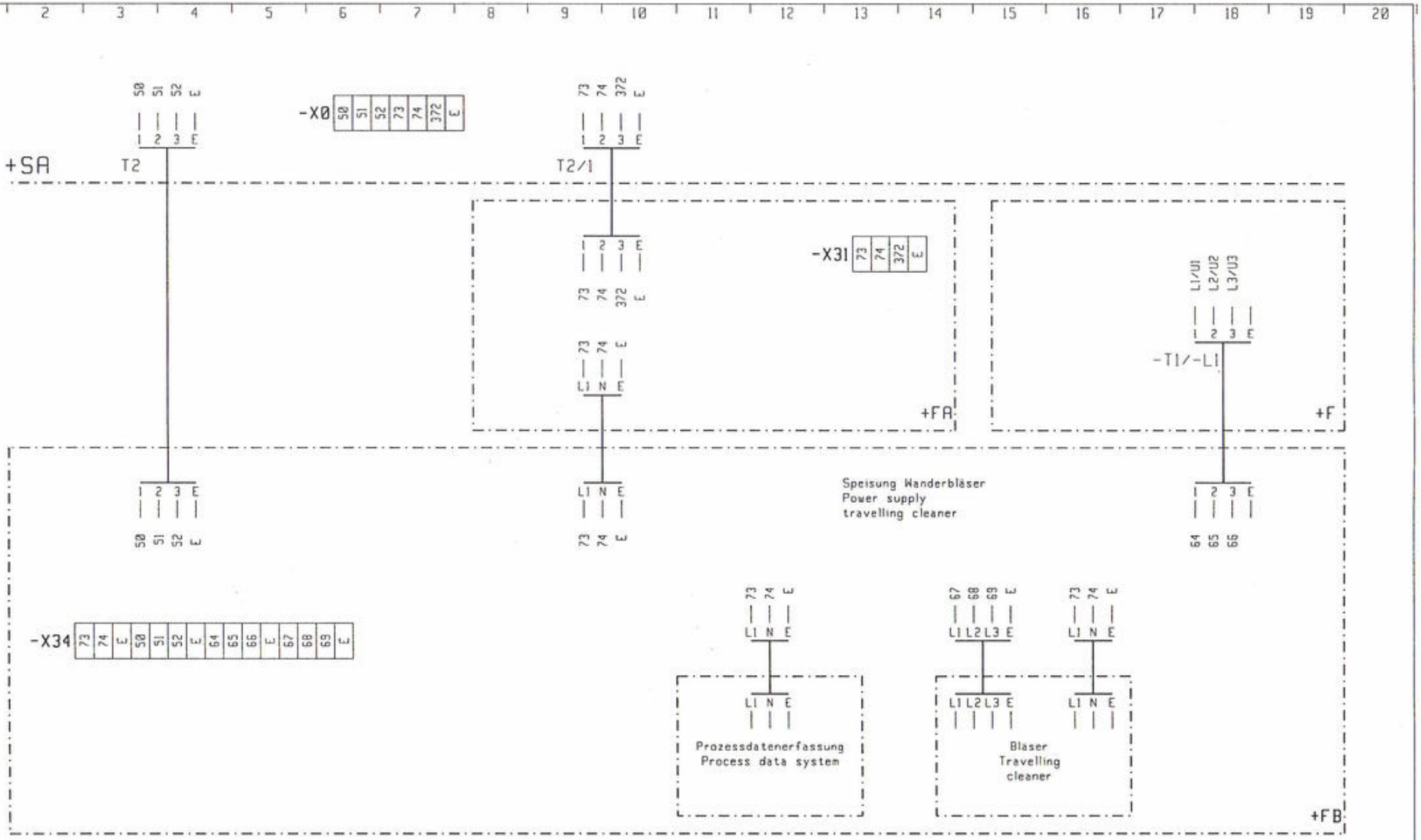

10012000	= ANT	Ringspinnmaschine	de/en	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34				Schema G33/K44 Antrieb KEB/KEB	total: 53
Project file	plant:		language						
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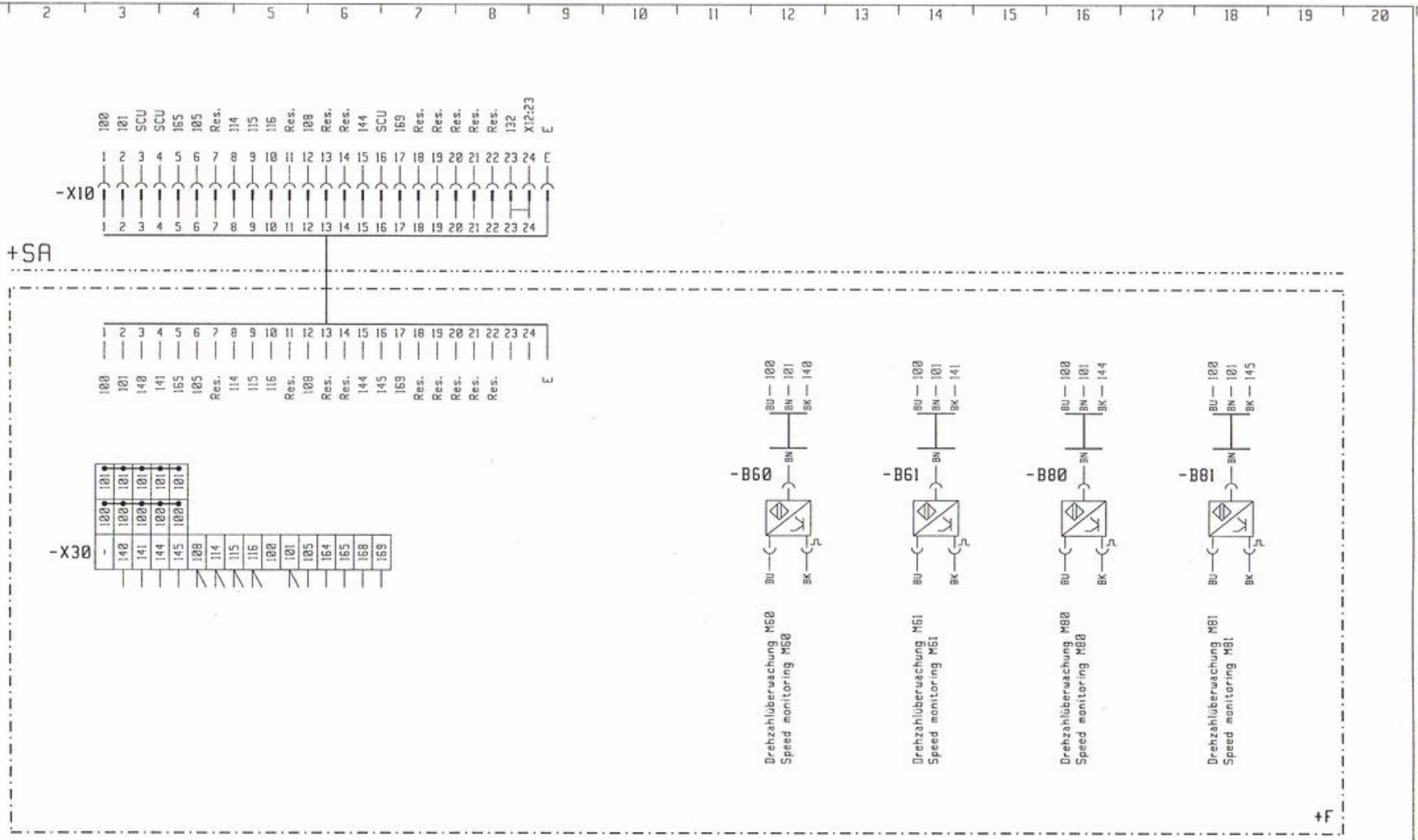
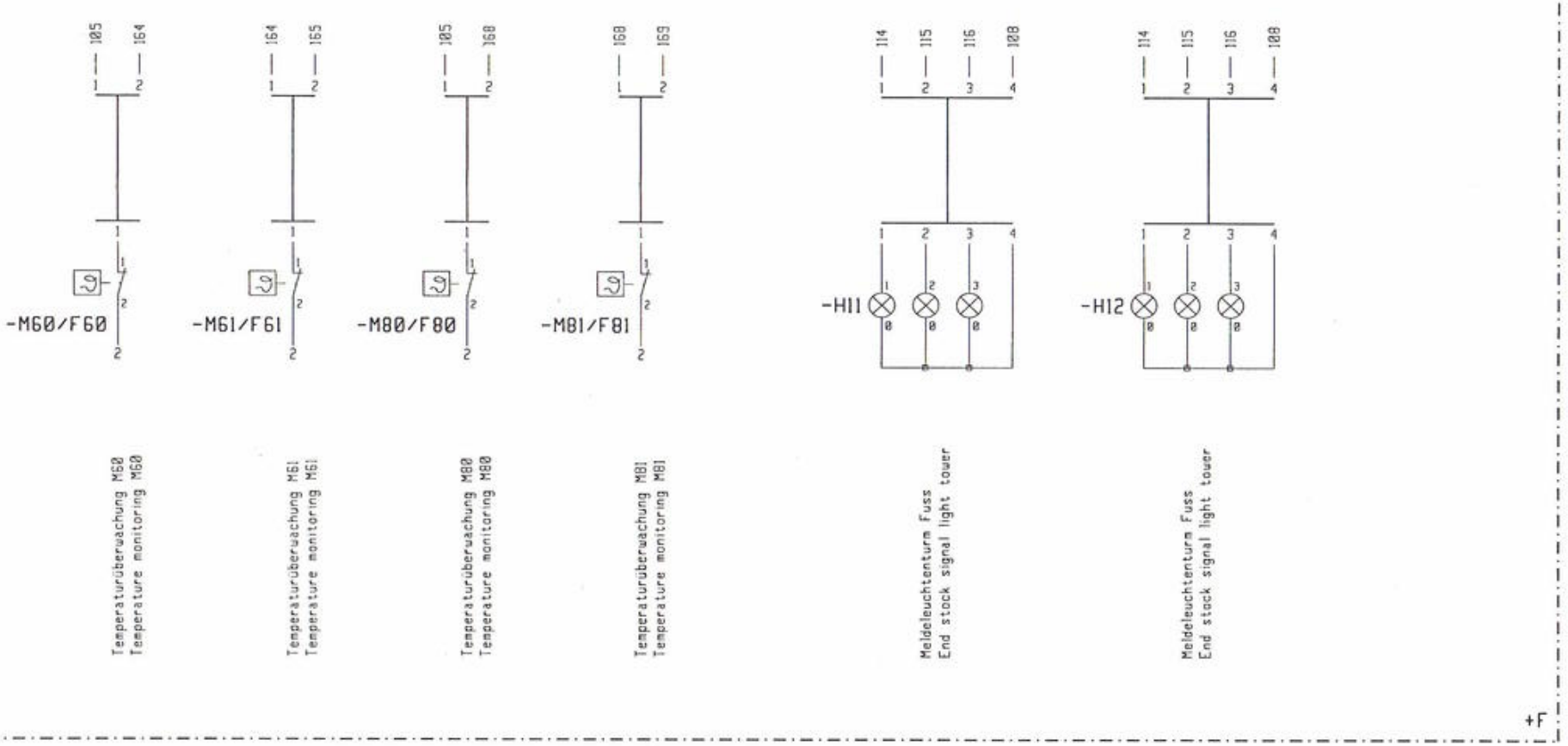
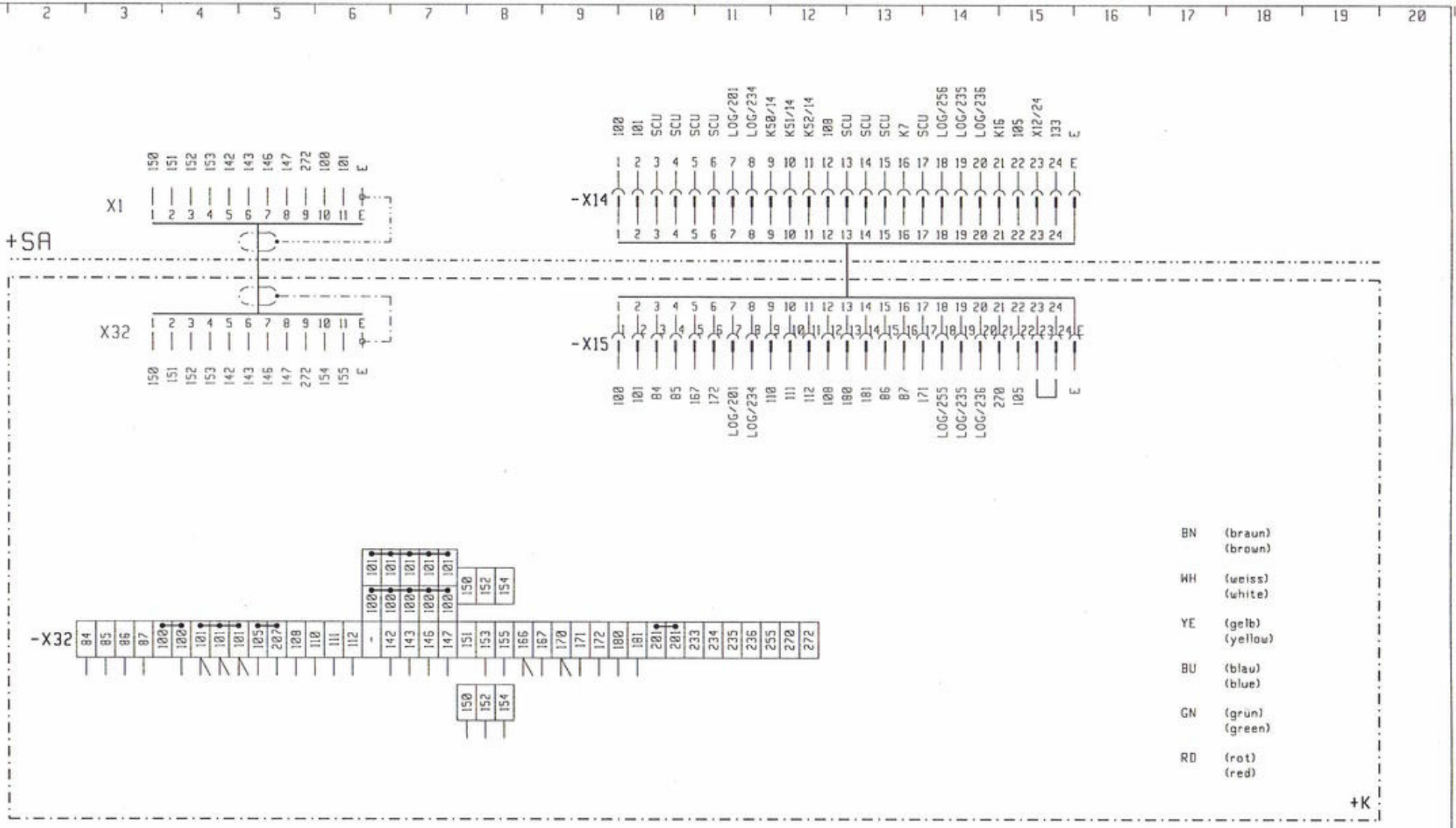
in exchange for	place:		departm.	release date	designer	approved by	version		sheet: 45



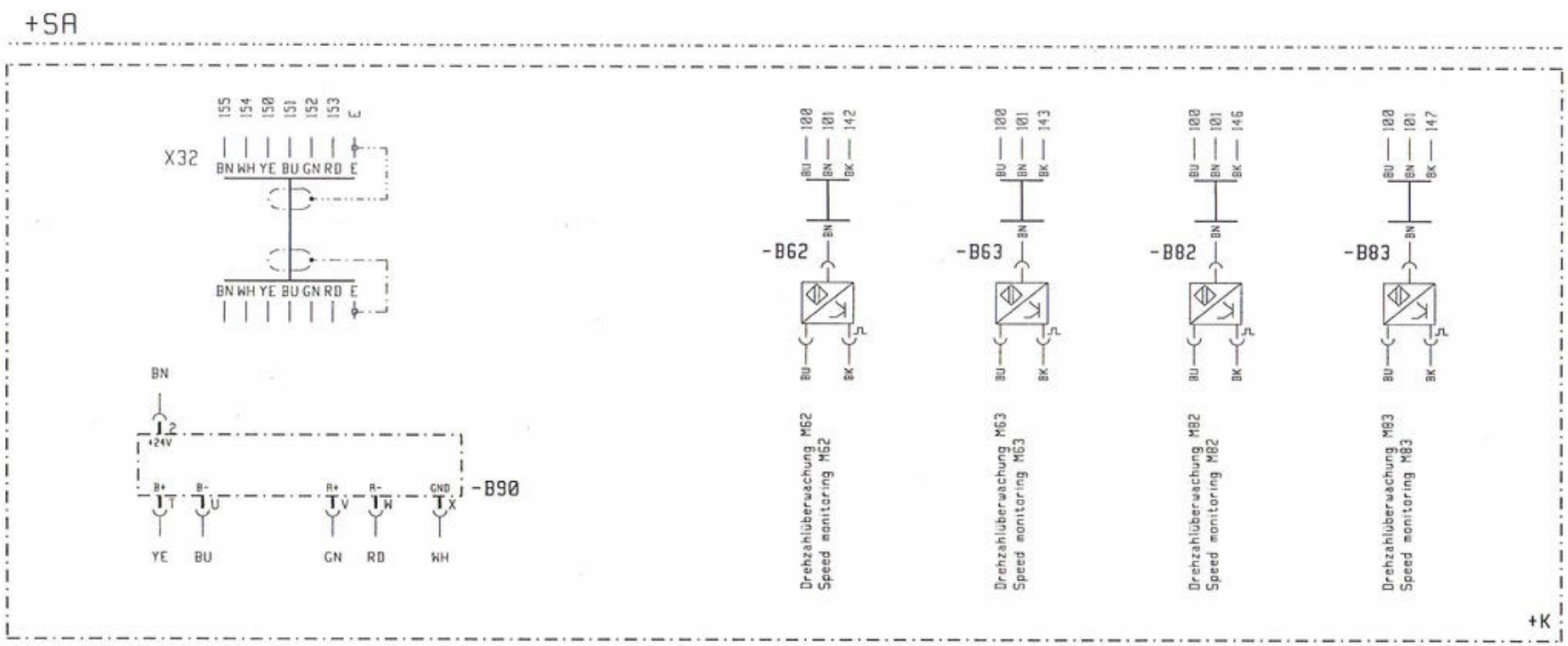
10012000	- ANT	Ringspinnmaschine	de/en	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34				Schema G33/K44 Antrieb KEB/KEB	total: 53
Project file	plant:		language						
	+ SA	Anschlussplan	GTE	2002-09-26	Reppel	Reppel	6	10012000	next: 47
in exchange for	place:		departm.	release date	designer	approved by	version		sheet: 46



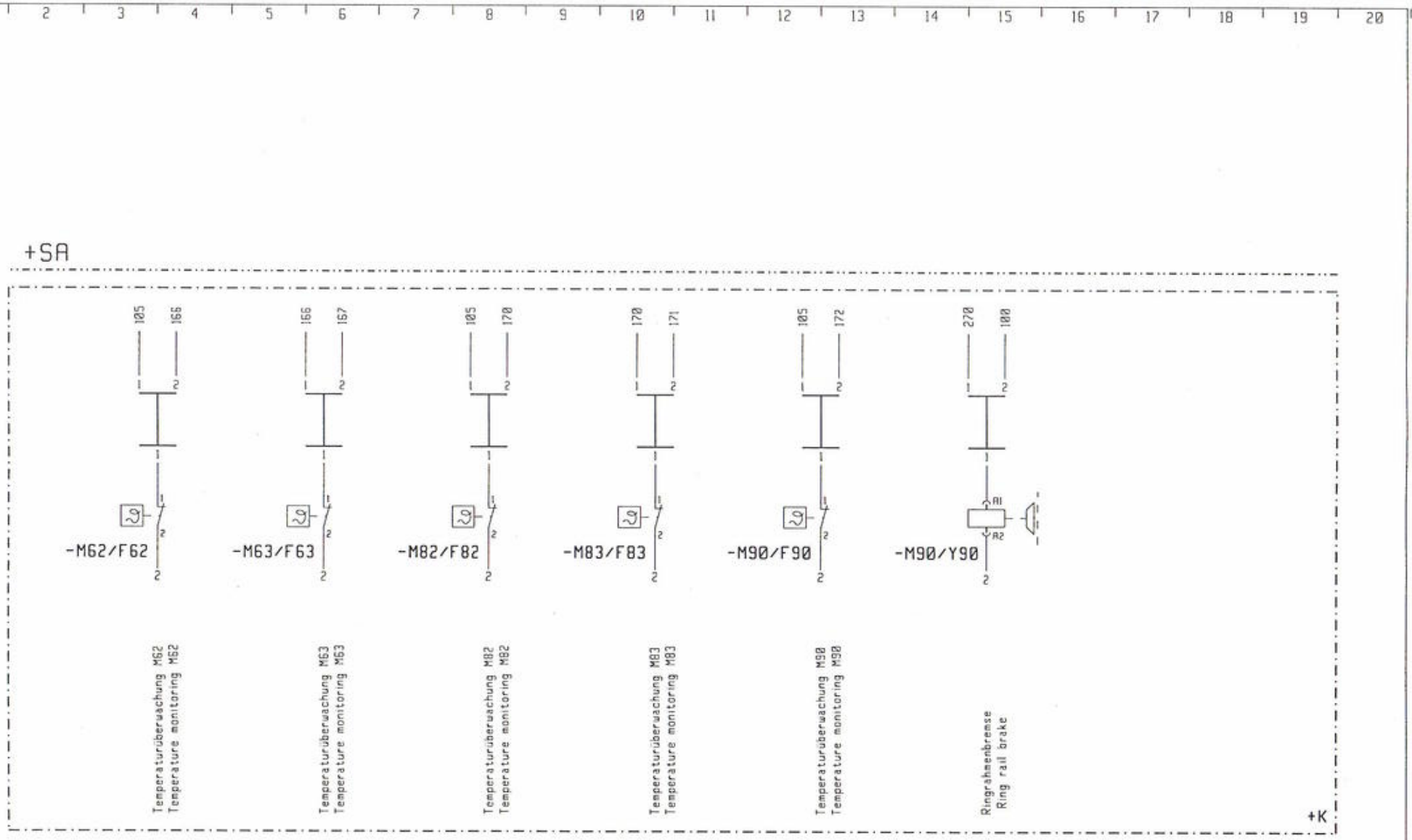
0012000	= ANT	Ringspinmaschine	de/en	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34				Schema G33/K44 Antrieb KEB/KEB	total: 53
roject file	plant:		language						
	+ SA	Anschlussplan	GTE	2002-09-26	Reppel	Reppel	6	10012000	next: 48
exchange for	place:		departm.	release date	designer	approved by	version		sheet: 47



10012000	= ANT	Ringspinnmaschine	de/en	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34			Schema G33/K44 Antrieb KEB/KEB		
Project file	plant:		language					total:	53
	+ SA	Anschlussplan	GTE	2002-09-26	Reppel	Reppel	6	10012000	next: 49
n exchange for	place:		departm.	release date	designer	approved by	version		sheet: 48



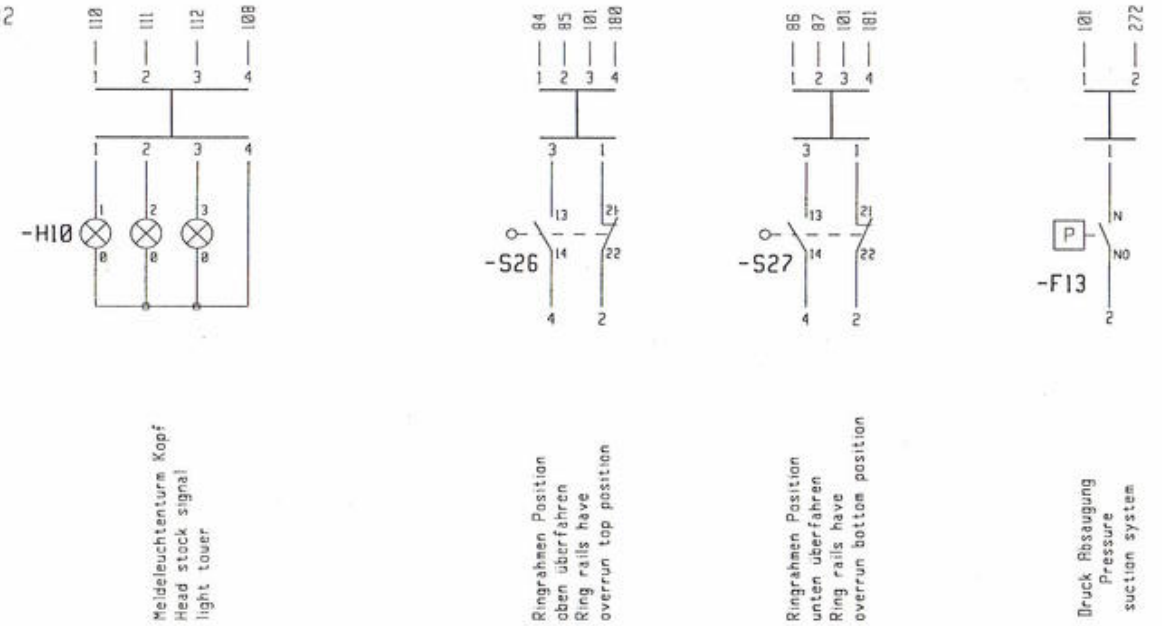
10012000	- ANT	Ringspinnmaschine	de/en	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34				Schema G33/K44 Antrieb KEB/KEB	total: 53
Project file	plant:		language						
	+ SA	Anschlussplan	GTE	2002-09-26	Reppel	Reppel	6	10012000	next: 50
in exchange for	place:		departm.	release date	designer	approved by	version		sheet: 49



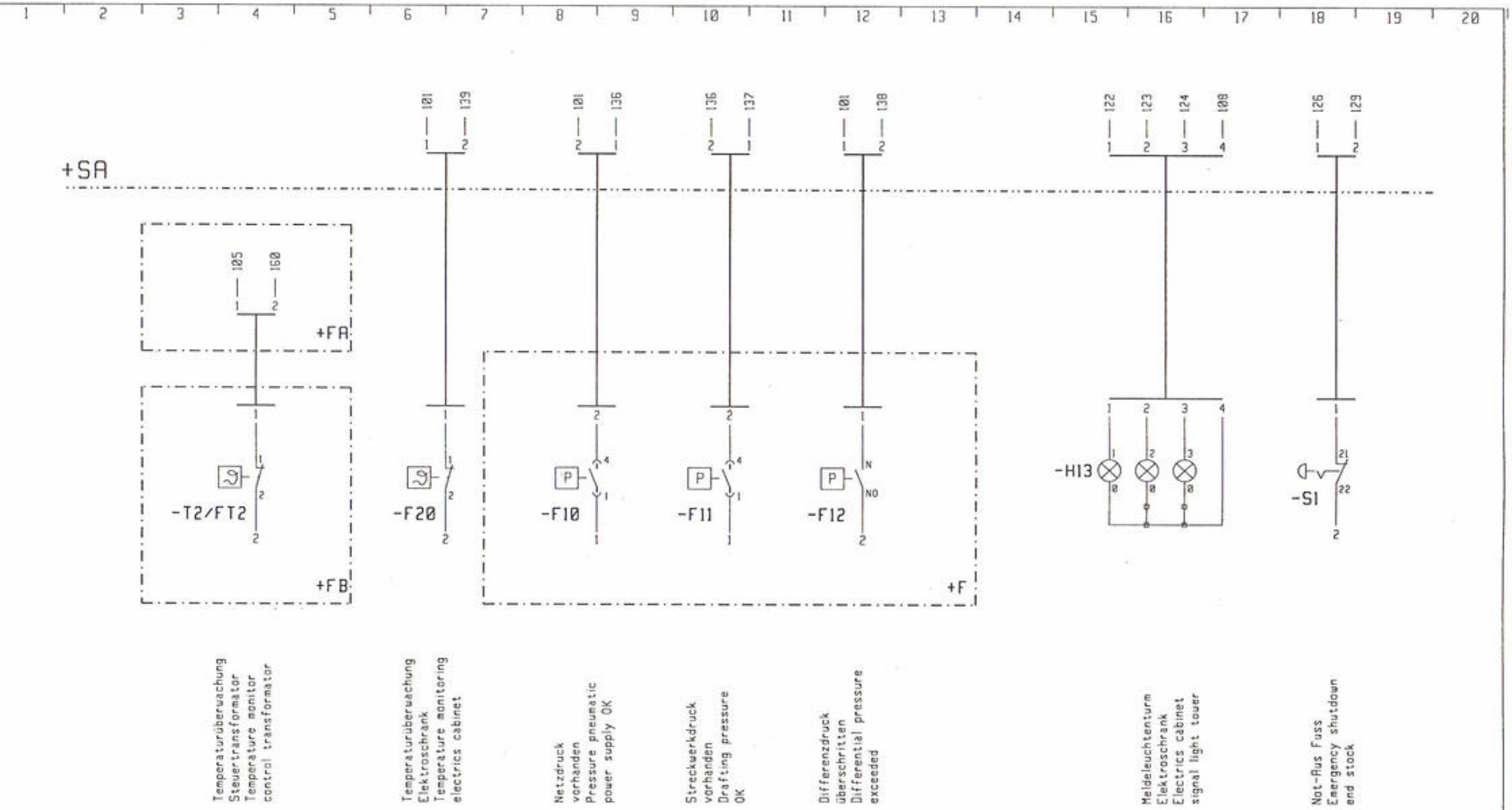
0012000	- ANT	Ringspinnmaschine	de/en	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34				Schema G33/K44 Antrieb KEB/KEB	total: 53
Project file	plant:		language						
	+ SA	Anschlussplan	GTE	2002-09-26	Reppel	Reppel	6	10012000	next: 51
n exchange for	place:		departm.	release date	designer	approved by	version		sheet: 50

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

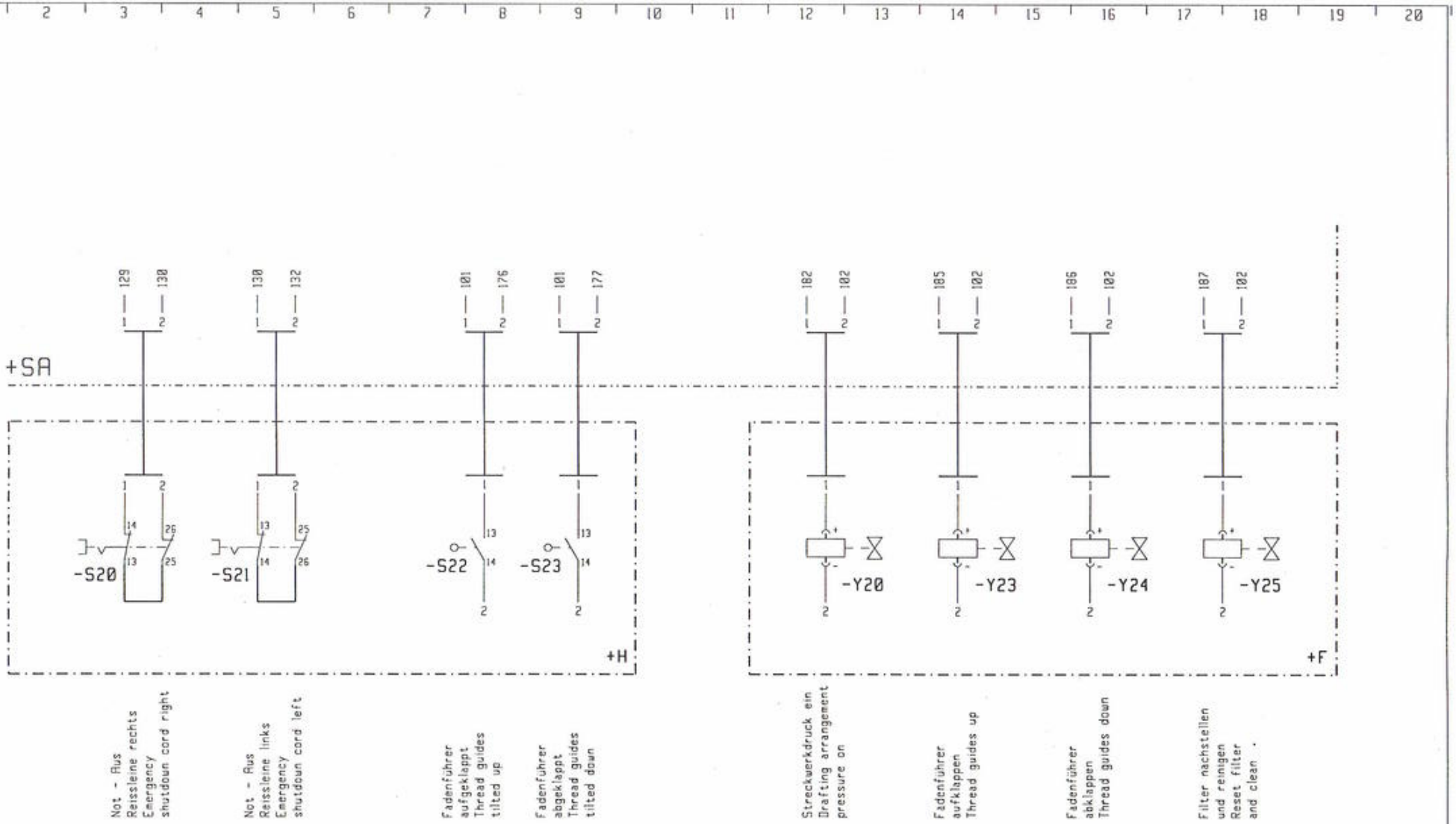
+SA



10012000	= ANT	Ringspinnmaschine	de/en	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34				Schema G33/K44 Antrieb KEB/KEB	
Project file	plant:		language						total: 53
	+ SA	Anschlussplan	GTE	2002-09-26	Reppel	Reppel	6	10012000	next: 52
in exchange for	place:		departm.	release date	designer	approved by	version		sheet: 51



0012000	- ANT	Ringspinnmaschine	de/en	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34				Schema G33/K44 Antrieb KEB/KEB	total: 53
Project file	plant:		language						
	+ SA	Anschlussplan	GTE	2002-09-26	Reppel	Reppel	6	10012000	next: 53
n exchange for	place:		departm.	release date	designer	approved by	version		sheet: 52



0012000	- ANT	Ringspinnmaschine	de/en	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34				Schema G33/K44 Antrieb KEB/KEB	total: 53
Project file	plant:		language						
	+ SA	Anschlussplan	GTE	2002-09-26	Reppel	Reppel	6	10012000	next:
n exchange for	place:		departm.	release date	designer	approved by	version		sheet: 53

Ort Place	BMK	Blatt Page	Material	Bezeichnung	Description	Typ Type
+F	-B1	21.3	1893-2221	Inkremental-Drehgeber	Incremental Shaft encoder	24V= 100 Imp.
+F	-B60	30.4	10002691	Initiator Sn2	Initiator Sn2	IFRM08P17/403725
+F	-B60	30.4	0920-2283	Kabelsteckdose Winkel 4.0m	Cable socket angle 4.0m	ES12A 4p*0.34
+F	-B61	30.8	10002691	Initiator Sn2	Initiator Sn2	IFRM08P17/403725
+F	-B61	30.8	0920-2283	Kabelsteckdose Winkel 4.0m	Cable socket angle 4.0m	ES12A 4p*0.34
+F	-B80	30.15	10002691	Initiator Sn2	Initiator Sn2	IFRM08P17/403725
+F	-B80	30.15	0920-2283	Kabelsteckdose Winkel 4.0m	Cable socket angle 4.0m	ES12A 4p*0.34
+F	-B81	30.18	10002691	Initiator Sn2	Initiator Sn2	IFRM08P17/403725
+F	-B81	30.18	0920-2283	Kabelsteckdose Winkel 4.0m	Cable socket angle 4.0m	ES12A 4p*0.34
+F	-B91	24.3	1893-2225	Wegaufnehmer	Distance sensor	
+F	-B91	24.3	1893-2226	Positionsgeber	Position transmitter	
+F	-F10	17.9	0920-5409	Druckschalter	Pressure switch	600kPa 602-10 1/4"Au
+F	-F10	17.9	0920-5413	Druckschalter-Schutzhaube	pressure switch protective h	Pg9 zu Typ 602
+F	-F11	17.9	0920-5407	Druckschalter	Pressure switch	180kPa 602-10 1/4"Au
+F	-F11	17.9	0920-5413	Druckschalter-Schutzhaube	pressure switch protective h	Pg9 zu Typ 602
+F	-F12	17.13	0920-5943	Differenzdruckschalter	differentiating pressure swi	20-300Pa
+F	-H11	12.13	0920-3442	Meldeleuchtenturm	Signal light tower	or/bl/gb
+F	-H11	12.13	0920-3008	Glühlampe	Bulb	BA15d 36V 10W
+F	-H11	12.13	10089347	Meldeleuchtenturm	Signal light tower	rd/bl/gb
+F	-H12	12.17	0920-3442	Meldeleuchtenturm	Signal light tower	or/bl/gb
+F	-H12	12.17	0920-3008	Glühlampe	Bulb	BA15d 36V 10W
+F	-H12	12.17	10089347	Meldeleuchtenturm	Signal light tower	rd/bl/gb
+F	-M1	6.5				
+F	-M1/22/40kW		10005192	Motor	Motor	22/40kW 3*220/400V 50/90Hz
+F	-M1/27/48kW		1890-2029	Motor	Motor	27/48kW 3x220/400V 50/90Hz
+F	-M1/30/55kW		10005507	Motor	Motor	30/55kW 3*220/400V 50/90Hz
+F	-M1/F1	6.7				
+F	-M6	10.5				
+F	-M6/2.2kW/50Hz		0990-0178	Motor	Motor	2.2kW 3*...V/50Hz
+F	-M6/2.2kW/60Hz		0990-0179	Motor	Motor	2.2kW 3*...V/60Hz
+F	-M6/4.0kW/50Hz		0990-0192	Motor	Motor	4.0kW 3*...V/50Hz
+F	-M6/4.0kW/60Hz		0990-0193	Motor	Motor	4.0kW 3*...V/60Hz
+F	-M6/6.5kW/50Hz		10031869	Motor	Motor	6.5kW 3*...V/50Hz
+F	-M6/6.5kW/60Hz		10036900	Motor	Motor	6.5kW 3*...V/60Hz
+F	-M6/9.0kW/50Hz		10031866	Motor	Motor	9.0kW 3*...V/50Hz
+F	-M6/9.0kW/50Hz		10118308	Motor	Motor	9.0kW 3*...V/50Hz

10012000	= G-Liste	Geräteliste Apparatus list	de/en	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34			Schema G33/K44 Antrieb KEB/KEB	
Project file	plant:		language					total: 7
	+1		GTE	2002-09-26	Reppel	Reppel	6	next: 2
n exchange for	place:		departm.	release date	designer	approved by	version	10012000 sheet: 1

Ort Place	BMK	Blatt Page	Material	Bezeichnung	Description	Typ Type
+F	-M6/9.0kW/60Hz		10031867	Motor	Motor	9.0kW 3*...V/60Hz
+F	-M6/9.0kW/60Hz		10118309	Motor	Motor	9.0kW 3*...V/60Hz
+F	-M6/12.6kW/50Hz		10059491	Motor	Motor	12.6kW 3*...V/50Hz
+F	-M6/12.6kW/60Hz		10059492	Motor	Motor	12.6kW 3*...V/60Hz
+F	-M6/F6	10.7				
+F	-M9	11.11	0653-0317	Umwaelzpumpe	Circulating pump	UPS 25-60/180 RP3/4" 220V
+F	-M10	11.15	0653-0317	Umwaelzpumpe	Circulating pump	UPS 25-60/180 RP3/4" 220V
+F	-M60	7.3	10005188	Motor	Motor	1.0kW 3*400V/200Hz
+F	-M60/F60	7.4				
+F	-M61	7.7	10005188	Motor	Motor	1.0kW 3*400V/200Hz
+F	-M61/F61	7.8				
+F	-M80	8.3	10005188	Motor	Motor	1.0kW 3*400V/200Hz
+F	-M80/F80	8.4				
+F	-M81	8.7	10005188	Motor	Motor	1.0kW 3*400V/200Hz
+F	-M81/F81	8.8				
+F	-P1	15.18	0920-6117	Betriebsstundenzähler	Operating hours counter	0-999999.9h 48x48 sw 24V=
+F	-Y20	33.5	0920-9529	3/2-Wege-Magnetventil	3/2 way solenoid	Nw5 24V=
+F	-Y20	33.5	0920-0979	Kabelsteckdose A 2p+E	Plug type A 2p+E	S18209TC421 DIN43650A
+F	-Y20/E		0920-9068	Magnetspule	Magnetic coil	24VDC
+F	-Y23	33.9	0920-9526	3/2-Wege-Magnetventil	3/2 way solenoid	Nw2 24VDC
+F	-Y23	33.9	0920-0979	Kabelsteckdose A 2p+E	Plug type A 2p+E	S18209TC421 DIN43650A
+F	-Y23/E		0920-9068	Magnetspule	Magnetic coil	24VDC
+F	-Y24	33.13	0920-9526	3/2-Wege-Magnetventil	3/2 way solenoid	Nw2 24VDC
+F	-Y24	33.13	0920-0979	Kabelsteckdose A 2p+E	Plug type A 2p+E	S18209TC421 DIN43650A
+F	-Y24/E		0920-9068	Magnetspule	Magnetic coil	24VDC
+F	-Y25	37.15	0920-9534	5/2-Wege-Magnetventil	5/2 way solenoid	Nw5 24VDC
+F	-Y25	37.15	0920-0979	Kabelsteckdose A 2p+E	Plug type A 2p+E	S18209TC421 DIN43650A
+F	-Y25/E		0920-9068	Magnetspule	Magnetic coil	24VDC
+FA	-E1	27.14	10030962	Bausatz für Wendekombination	Assembly kit f.contactor rev.	3RA1913-2A
+FA	-F28	5.13	1800-4282	Sicherungs-Automat	Automatic circuit breaker	5SX2 110-8 10A 415V D
+FA	-F28	5.13	1800-3421	Hilfskontakt 1s/1oe	Auxiliary contact 1NO/1NC	5SX 9100
+FA	-F29	5.17	1800-3414	Sicherungs-Automat	Automatic circuit breaker	5SX2 106-7 6A 415V C
+FA	-F29	5.17	1800-3421	Hilfskontakt 1s/1oe	Auxiliary contact 1NO/1NC	5SX 9100
+FA	-K60	27.5	10042642	Schuetz 22kW	Contactor	3RT1325-1BB40 22kW/33A
+FA	-K80	27.8	10042642	Schuetz 22kW	Contactor	3RT1325-1BB40 22kW/33A
+FA	-K90	27.12	10030961	Schuetz 4kW	contactor	3RT1016-1BB41 AC-3 9A

0012000	- G-Liste	Geräteliste	de/en	RIETER Maschinenfabrik Rieter AG				Schema G33/K44 Antrieb KEB/KEB	total: 7
Project file	plant:	Apparatus list	language	Schutzvermerk nach DIN 34 beachten/Refer to DIN 34					next: 3
	+ 1		GTE	2002-09-26	Reppel	Reppel	6	10012000	sheet: 2
n exchange for	place:		departm.	release date	designer	approved by	version		

Ort Place	BMK	Blatt Page	Material	Bezeichnung	Description	Typ Type
+FA	-K91	27.15	10030961	Schuetz 4kW	contactor	3RT1016-1BB41 AC-3 9A
+FA	-V60	27.5	0920-0606	Varistor	Varistor	3RT1916-1BB00 24-70VDC/24-48VAC
+FA	-V80	27.8	0920-0606	Varistor	Varistor	3RT1916-1BB00 24-70VDC/24-48VAC
+FA	-V90	27.12	0920-0606	Varistor	Varistor	3RT1916-1BB00 24-70VDC/24-48VAC
+FA	-V91	27.15	0920-0606	Varistor	Varistor	3RT1916-1BB00 24-70VDC/24-48VAC
+FB	-T2	5.8	0920-5119	Trenntrafo	Transformer	1450VA 1*400V/1*230V+1*24V
+FB	-T2/FT2	5.9				
+H	-S20	14.4	0920-2017	Seilzug-Notschalter	Emergency stop switch	TQ441-01/01 yuer1887 Schm
+H	-S20	14.4	10003193	Seilzug-Notschalter	Emergency stop switch	SiD-UV1Z P-Rast BVU Bern
+H	-S21	14.8	0920-2017	Seilzug-Notschalter	Emergency stop switch	TQ441-01/01 yuer1887 Schm
+H	-S21	14.8	10003193	Seilzug-Notschalter	Emergency stop switch	SiD-UV1Z P-Rast BVU Bern
+H	-S22	35.6	0920-5363	Endschalter 1s/1oe	Limit switch 1NO/1NC	SU1ZRiwkT
+H	-S23	35.9	0920-5363	Endschalter 1s/1oe	Limit switch 1NO/1NC	SU1ZRiwkT
+K	-B62	31.5	10002691	Initiator Sn2	Initiator Sn2	IFRM08P17/403725
+K	-B62	31.5	0920-2283	Kabelsteckdose Winkel 4,0m	Cable socket angle 4,0m	ES12A 4p*0,34
+K	-B63	31.9	10002691	Initiator Sn2	Initiator Sn2	IFRM08P17/403725
+K	-B63	31.9	0920-2283	Kabelsteckdose Winkel 4,0m	Cable socket angle 4,0m	ES12A 4p*0,34
+K	-B82	31.13	10002691	Initiator Sn2	Initiator Sn2	IFRM08P17/403725
+K	-B82	31.13	0920-2283	Kabelsteckdose Winkel 4,0m	Cable socket angle 4,0m	ES12A 4p*0,34
+K	-B83	31.17	10002691	Initiator Sn2	Initiator Sn2	IFRM08P17/403725
+K	-B83	31.17	0920-2283	Kabelsteckdose Winkel 4,0m	Cable socket angle 4,0m	ES12A 4p*0,34
+K	-B90	23.6	1893-2220	Inkremental-Drehgeber	Incremental Shaft encoder	24V= 200 Imp.
+K	-F13	17.17	0920-5942	Differenz-Druckschalter	Diff. pressure switch	JDL-115G 100-1000Pa
+K	-H10	12.3	0920-3442	Meldeleuchtenturm	Signal light tower	or/bl/gb
+K	-H10	12.3	0920-3008	Glühlampe	Bulb	BA15d 36V 10W
+K	-H10	12.3	10089347	Meldeleuchtenturm	Signal light tower	rd/bl/gb
+K	-M62	7.12	10005188	Motor	Motor	1.0kW 3*400V/200Hz
+K	-M62/F62	7.14				
+K	-M63	7.17	10005188	Motor	Motor	1.0kW 3*400V/200Hz
+K	-M63/F63	7.18				
+K	-M82	8.12	10005188	Motor	Motor	1.0kW 3*400V/200Hz
+K	-M82/F82	8.13				
+K	-M83	8.16	10005188	Motor	Motor	1.0kW 3*400V/200Hz
+K	-M83/F83	8.17				
+K	-M90	9.8	10005622	Motor mit Bremse	Motor with Brake	1.75/4.2kW 3*400V/125/300Hz
+K	-M90/F90	9.12				

Ort Place	BMK	Blatt Page	Material	Bezeichnung	Description	Typ Type
+K	-M90/Y90	9.15				
+K	-M90/Y90/E		10005190	Zusatzbremse	Auxiliary Brake	ROBA-stop-M 8Nm/24V DC
+K	-S26	26.8	0920-5363	Endschalter 1s/1oe	Limit switch 1NO/1NC	SU1ZRiwkT
+K	-S27	26.14	0920-5363	Endschalter 1s/1oe	Limit switch 1NO/1NC	SU1ZRiwkT
+K	-VY101	9.16	00155274	Diodenklemme WAGO	Diodeclamp	Un 250V,Urm 1000V,1.5A
+SA	-A10	38.3	1846-0058	SCU-Basis-I/O Modul V1.2	SCU-Basis-I/O Modul V1.2	SCU-Basic-I/O modul V1.2
+SA	-A10/G2	38.2	1846-0030	SCU-Batterieadapter	SCU-Support battery	1*1/2AA
+SA	-A10/G2	38.2	0920-6789	Lithium Batterie	Lithium battery	3V6 0Ah87 LI 0.5A/H
+SA	-A11	39.2	1846-0064	SCU-CPU-386EX ohne VGA	SCU-CPU-386EX without VGA	Eprom/Flash
+SA	-A12	39.13	10030853	SCU Ethernet Modul kpl. V1.2	SCU ethernet modul cpl. V1.2	
+SA	-A21	40.9	10013681	SCU-Stapelmodul ANOC	SCU-Stackmodul ANOC	SCU-ANOC-G33 Modul V1.1
+SA	-A40	34.11	10005611	Bedienungseinheit G33/K44	Control unit G33/K44	
+SA	-A40	34.11	10020064	Bedienungseinheit G33/K44	Control unit G33/K44	Schaltag
+SA	-A40/E		1850-7971	Frontplatte Bedienung G33/K44	Front panel control G33/K44	
+SA	-A40/E		1813-0556	Display Graph	Display Graph	480*64 512kB Flash/SV MOD
+SA	-A40/E		1852-3030	Tastenfeld Bedienung G33/K44	Touch control G33/K44	
+SA	-F20	16.10	0920-6392	Raum-Thermostat 1oe	Room thermostat 1NC	MOT8F55X 550°C fix
+SA	-F30	13.11	10089758	Sicherungs-Automat	Automatic circuit breaker	5SX2 106-6 6A 415V B
+SA	-F30	13.11	1800-3421	Hilfskontakt 1s/1oe	Auxiliary contact 1NO/1NC	5SX 9100
+SA	-F31	13.12	10089757	Sicherungs-Automat	Automatic circuit breaker	5SX2 101-5 1A 415V A
+SA	-F31	13.12	1800-3421	Hilfskontakt 1s/1oe	Auxiliary contact 1NO/1NC	5SX 9100
+SA	-H13	12.8	0920-3442	Meldeleuchtenturm	Signal light tower	or/bl/gb
+SA	-H13	12.8	0920-3008	Glühlampe	Bulb	BA15d 36V 10W
+SA	-H13	12.8	0652-1437	Lampenhalter unten	Light socket botton	
+SA	-H13	12.8	0652-1438	Lampenhalter oben	Light socket top	
+SA	-H13	12.8	10089347	Meldeleuchtenturm	Signal light tower	rd/bl/gb
+SA	-K1	15.5	10037388	Schuetz 30kW	contactor	3RT1044-1BB40 30kW/65A
+SA	-K1	15.5	10037389	Schuetz	Contactor	3RT1045-1BB40 37kW/80A
+SA	-K1	15.5	0920-0626	Kontaktblock 2s/2oe	Contact modul 2NO/2NC	3RH1921-2FA22
+SA	-K4	16.7	10058160	Sicherheitsrelais	Safety relais	V23047-A 1024 A601 24V
+SA	-K4	16.7	0920-5944	Stecksockel	Socket	8p 95.85
+SA	-K4	16.7	0920-5934	Stecksockel-Modul	Socket-Modul	6-24V= Diode
+SA	-K6	15.7	10037386	Schuetz 11kW	contactor	3RT1026-1BB40 11kW/25A
+SA	-K6	15.7	10042641	Schuetz	Contactor	3RT1034-1BB40 24VDC 15kW/AC-3
+SA	-K7	15.10	0920-5935	Relais Ag	Relay Ag	24V= Ag 1Uk 1f
+SA	-K7	15.10	0920-5936	Stecksockel	Socket	5p f. Modul

10012000	= G-Liste	Geräteliste Apparatus list	de/en	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34				Schema G33/K44 Antrieb KEB/KEB	total: 7
Project file	plant:		language						next: 5
	+ 1		GTE	2002-09-26	Reppel	Reppel	6	10012000	
n exchange for	place:		deportm.	release date	designer	approved by	version		sheet: 4

Ort Place	BMK	Blatt Page	Material	Bezeichnung	Description	Typ Type
+SA	-F30	13.10	1800-4282	Sicherungs-Automat	Automatic circuit breaker	5SX2 110-8 10A 415V
+SA	-F30	13.10	1800-3421	Hilfskontakt 1s/1oe	Auxiliary contact 1NO/1NC	5SX 9100
+SA	-H13	12.8	0920-3442	Meldeleuchtenturm	Signal light tower	or/bl/gb
+SA	-H13	12.8	0920-3008	Glühlampe	Bulb	BA15d 36V 10W
+SA	-H13	12.8	0652-1437	Lampenhalter unten	Light socket botton	
+SA	-H13	12.8	0652-1438	Lampenhalter oben	Light socket top	
+SA	-K1	15.5	10037388	Schütz	contactor	3RT1044-1BB40 30kW
+SA	-K1	15.5	10037389	Schütz	contactor	3RT1045-1BB40 37kW
+SA	-K1	15.5	0920-0626	Kontaktblock 2s/2oe	Contact modul 2NO/2NC	3RH1921-2FA22
+SA	-K4	16.7	10058160	Sicherheitsrelais	Safety relais	V23047-A 1024 A601 24V
+SA	-K4	16.7	0920-5944	Stecksockel	Socket	8p 95.85
+SA	-K6	15.9	10037386	Schütz	contactor	3RT1026-1BB40
+SA	-K6	15.9	10042642	Schütz	Contactor	3RT1034-1BB40
+SA	-K9	32.3	0920-5935	Relais Ag	Relay Ag	24V= Ag 1Uk 1f
+SA	-K9	32.3	0920-5936	Stecksockel	Socket	5p f. Modul
+SA	-K10	32.7	10058160	Sicherheitsrelais	Safety relais	V23047-A 1024 A601 24V
+SA	-K10	32.7	0920-5944	Stecksockel	Socket	8p 95.85
+SA	-K11 0920-5937	25.4	~~0920-5935~~	Relais ~~Ag~~ Au	Relay ~~Ag~~ Au	24V= ~~Ag 1Uk 1f~~ Au 2UK 1f
+SA	-K11 10037121	25.4	~~0920-5936~~	Stecksockel 95.05	Socket	~~5p f. Modul~~
+SA	-K12	25.8	0920-5988	Relais Ag	Relay Ag	24V= Ag 4Uk 1fW
+SA	-K13	25.13	0920-5935	Relais Ag	Relay Ag	24V= Ag 1Uk 1f
+SA	-K13	25.13	0920-5936	Stecksockel	Socket	5p f Modul
+SA	-K15	26.3	0920-5937	Relais Ag	Relay Ag	4052 9024 5000 24V= Ag 2Uk
+SA	-K15	26.3	0920-5938	Stecksockel	Socket	95.75 8p f. Modul
+SA	-K16	15.15	0920-5935	Relais Ag	Relay Ag	24V= Ag 1Uk 1f
+SA	-K16	15.15	0920-5936	Stecksockel	Socket	5p f. Modul
+SA	-K17	26.14	0920-5937	Relais Ag	Relay Ag	4052 9024 5000 24V= Ag 2Uk
+SA	-K17	26.14	0920-5938	Stecksockel	Socket	95.75 8p f. Modul
+SA	-K18	26.18	0920-5988	Relais Ag	Relay Ag	24V= Ag 4Uk 1fW
+SA	-K20	14.14	10041984	Sicherheitsrelais 24V= 3s/2sv	SAFETY RELAY 24V= 3s/2sv	PNOZ XV3
+SA	-K20	14.14	10042737	Abdeckung Zeitverstellung P-93	COVER TIME REGULATION P-93	

Next : 6

10012000 Project file		RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34		A4	-
in exchange for	Geräteliste Apparatus list	2001-01-15 / Reppel / Thuer / 1			
plant: G-Liste / place: 1	sheet: 5 of 8 / language: de/en	release date / designer / approved by / version	Schema G33/K44 Antrieb KEB/KEB	material	10012000

Ort Place	BMK	Blatt Page	Material	Bezeichnung	Description	Typ Type
+SA	-K9	32.3	0920-5935	Relais Ag	Relay Ag	24V= Ag 1Uk 1f
+SA	-K9	32.3	0920-5936	Stecksockel	Socket	5p f. Modul
+SA	-K10	32.7	10058160	Sicherheitsrelais	Safety relais	V23047-A 1024 A601 24V
+SA	-K10	32.7	0920-5944	Stecksockel	Socket	8p 95.85
+SA	-K10	32.7	0920-5934	Stecksockel-Modul	Socket-Modul	6-24V= Diode
+SA	-K11	25.4	0920-5935	Relais Ag	Relay Ag	24V= Ag 1Uk 1f
+SA	-K11	25.4	0920-5936	Stecksockel	Socket	5p f. Modul
+SA	-K12	25.8	0920-5988	Relais Ag	Relay Ag	24V= Ag 4Uk 1fW
+SA	-K13	25.13	0920-5937	Relais Ag	Relay Ag	4052 9024 5000 24V= Ag 2Uk
+SA	-K13	25.13	0920-5938	Stecksockel	Socket	95.75 8p f. Modul
+SA	-K15	26.3	0920-5937	Relais Ag	Relay Ag	4052 9024 5000 24V= Ag 2Uk
+SA	-K15	26.3	0920-5938	Stecksockel	Socket	95.75 8p f. Modul
+SA	-K16	15.15	0920-5935	Relais Ag	Relay Ag	24V= Ag 1Uk 1f
+SA	-K16	15.15	0920-5936	Stecksockel	Socket	5p f. Modul
+SA	-K17	26.14	0920-5937	Relais Ag	Relay Ag	4052 9024 5000 24V= Ag 2Uk
+SA	-K17	26.14	0920-5938	Stecksockel	Socket	95.75 8p f. Modul
+SA	-K18	26.18	0920-5988	Relais Ag	Relay Ag	24V= Ag 4Uk 1fW
+SA	-K20	14.14	10041984	Sicherheitsrelais 24V= 3s/2sv	SAFETY RELAY 24V= 3s/2sv	PNOZ XV3
+SA	-K20	14.14	10042737	Abdeckung Zeitverstellung P-93	COVER TIME REGULATION P-93	774 090
+SA	-K22a	16.3	0920-5988	Relais Ag	Relay Ag	24V= Ag 4Uk 1fW
+SA	-K22a	16.3	0920-5989	Stecksockel	Socket	14p f. Modul
+SA	-K22b	16.5	0920-5988	Relais Ag	Relay Ag	24V= Ag 4Uk 1fW
+SA	-K22b	16.5	0920-5989	Stecksockel	Socket	14p f. Modul
+SA	-K23	32.11	0920-5935	Relais Ag	Relay Ag	24V= Ag 1Uk 1f
+SA	-K23	32.11	0920-5936	Stecksockel	Socket	5p f. Modul
+SA	-K25	32.14	0920-5937	Relais Ag	Relay Ag	4052 9024 5000 24V= Ag 2Uk
+SA	-K25	32.14	0920-5938	Stecksockel	Socket	95.75 8p f. Modul
+SA	-K27	14.18	10058160	Sicherheitsrelais	Safety relais	V23047-A 1024 A601 24V
+SA	-K27	14.18	0920-5944	Stecksockel	Socket	8p 95.85
+SA	-K27	14.18	0920-5934	Stecksockel-Modul	Socket-Modul	6-24V= Diode
+SA	-K40	37.12	0920-5937	Relais Ag	Relay Ag	4052 9024 5000 24V= Ag 2Uk
+SA	-K40	37.12	0920-5938	Stecksockel	Socket	95.75 8p f. Modul
+SA	-K41	37.17	0920-5935	Relais Ag	Relay Ag	24V= Ag 1Uk 1f
+SA	-K41	37.17	0920-5936	Stecksockel	Socket	5p f. Modul
+SA	-K42	37.19	0920-5935	Relais Ag	Relay Ag	24V= Ag 1Uk 1f
+SA	-K42	37.19	0920-5936	Stecksockel	Socket	5p f. Modul

Ort Place	BMK	Blatt Page	Material	Bezeichnung	Description	Typ Type
+SA	-06/4.0kW		0920-0620	Motorschutzschalter	Protective motor switch	3RV10111JA20 7-10A
+SA	-06/6.5kW		0920-0622	Motorschutzschalter	Protective motor switch	3RV10214AA10 11-16A
+SA	-06/8.0kW		0920-0623	Motorschutzschalter	Protective motor switch	3RV10214BA10 14-20A
+SA	-06/11.0kW		10042639	Motorschutzschalter	Protective motor switch	3RV10214DA10 20-25A
+SA	-S1	14.4	0920-3782	Pilztastkopf	Emergency push button	ZB2-BS8447 RT 22.5 mm
+SA	-S1	14.4	0920-3748	Kontaktelement	contact element	ZB2-BZ102 1oe DM 22.5
+SA	-S1	14.4	0920-3666	Warnring 'NOT-AUS' gelb	Front panel 'NOT-STOP' yellow	DM 22.5 mm
+SA	-U1	6.4		.		
+SA	-U1/55kW		0920-6886	Frequenz-Umrichter W55000	Frequence-inverter W55000	3*400V 22.F4.COL-4F06
+SA	-U1/75kW		0920-6885	Frequenz-Umrichter W75000	Frequence-inverter W75000	3*400V 23.F4.COL-4F06
+SA	-U10	13.4		.		
+SA	-U10/S		0920-7245	Netzgerät	power supply unit	6EP1534-1SL 600V/24VDC 12A
+SA	-U60	7.1		.		
+SA	-U60/FG		0920-6883	Frequenz-Umrichter W11000	Frequence-inverter W11000	15.F4.CMG-4F04
+SA	-U60/GG		10002656	Frequenz-Umrichter W15000	Frequence-inverter W15000	16.F4.CMG-4F04
+SA	-U80	8.1		.		
+SA	-U80/FG		0920-6883	Frequenz-Umrichter W11000	Frequence-inverter W11000	15.F4.CMG-4F04
+SA	-U80/GG		10002656	Frequenz-Umrichter W15000	Frequence-inverter W15000	16.F4.CMG-4F04
+SA	-U90	9.6	0920-6887	Frequenz-Umrichter W15000	Frequence-inverter W15000	16.F4.CMG-4F05
+SA	-V1	15.6	0920-0607	Varistor	Varistor	3RT1926-1BB Modul 24..70VDC
+SA	-V6	15.10	0920-0607	Varistor	Varistor	3RT1926-1BB Modul 24..70VDC
+SA	-V9	32.4	0920-5939	Stecksockel-Modul	Sockel-Modul	6-24V= Diode 99.01.3024
+SA	-V10	32.8	0920-0606	Varistor	Varistor	3RT1916-1BB Modul 24..70VDC
+SA	-V11 10037128	25.5	~~0920-5939~~	~~Stecksockel-Modul~~ Diodenmodul	~~Sockel~~-Modul	6-24V= Diode 99.01.3024
+SA	-V12	25.9	0920-5989	Stecksockel	Sockel	14p f Modul
+SA	-V13	25.14	0920-5939	Stecksockel-Modul	Sockel-Modul	6-24V= Diode 99.01.3024
+SA	-V15	26.4	0920-5939	Stecksockel-Modul	Sockel-Modul	6-24V= Diode 99.01.3024
+SA	-V16	15.16	0920-0607	Varistor	Varistor	3RT1926-1BB Modul 24..70VDC
+SA	-V17	26.15	0920-5939	Stecksockel-Modul	Sockel-Modul	6-24V= Diode 99.01.3024
+SA	-V18	26.19	0920-5989	Stecksockel	Sockel	14p f. Modul
+SA	-V23	32.11	0920-5939	Stecksockel-Modul	Sockel-Modul	6-24V= Diode 99.01.3024

Next : 8

10012000 Project file		RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34		A4	-
in exchange for	Geräteliste Apparatus list	2001-01-15 release date	Reppel designer	Thuer approved by	1 version
plant: G-Liste / place: 1	sheet: 7 of 8 / language: de/en	Schema G33/K44 Antrieb KEB/KEB			material 10012000

Ort Place	BMK	Blatt Page	Material	Bezeichnung	Description	Typ Type
+SA	-V7	15.12	0920-5939	Stecksockel-Modul	Socket-Modul	6-24V= Diode 99.01.3024
+SA	-V9	32.4	0920-5939	Stecksockel-Modul	Socket-Modul	6-24V= Diode 99.01.3024
+SA	-V10	32.8	0920-0606	Varistor	Varistor	3RT1916-1BB00 24-70VDC/24-48VAC
+SA	-V11	25.5	0920-5939	Stecksockel-Modul	Socket-Modul	6-24V= Diode 99.01.3024
+SA	-V12	25.9	0920-5989	Stecksockel	Socket	14p f. Modul
+SA	-V13	25.14	0920-5939	Stecksockel-Modul	Socket-Modul	6-24V= Diode 99.01.3024
+SA	-V15	26.4	0920-5939	Stecksockel-Modul	Socket-Modul	6-24V= Diode 99.01.3024
+SA	-V16	15.16	0920-5939	Stecksockel-Modul	Socket-Modul	6-24V= Diode 99.01.3024
+SA	-V17	26.15	0920-5939	Stecksockel-Modul	Socket-Modul	6-24V= Diode 99.01.3024
+SA	-V18	26.19	0920-5989	Stecksockel	Socket	14p f. Modul
+SA	-V22a	16.4	0920-5939	Stecksockel-Modul	Socket-Modul	6-24V= Diode 99.01.3024
+SA	-V22b	16.6	0920-5939	Stecksockel-Modul	Socket-Modul	6-24V= Diode 99.01.3024
+SA	-V23	32.12	0920-5939	Stecksockel-Modul	Socket-Modul	6-24V= Diode 99.01.3024
+SA	-V25	32.15	0920-5939	Stecksockel-Modul	Socket-Modul	6-24V= Diode 99.01.3024
+SA	-V27	14.19	0920-5939	Stecksockel-Modul	Socket-Modul	6-24V= Diode 99.01.3024
+SA	-V40	37.13	0920-5939	Stecksockel-Modul	Socket-Modul	6-24V= Diode 99.01.3024
+SA	-V41	37.18	0920-5939	Stecksockel-Modul	Socket-Modul	6-24V= Diode 99.01.3024
+SA	-V42	37.20	0920-5939	Stecksockel-Modul	Socket-Modul	6-24V= Diode 99.01.3024
+SA	-V50	36.5	0920-5939	Stecksockel-Modul	Socket-Modul	6-24V= Diode 99.01.3024
+SA	-V51	36.11	0920-5939	Stecksockel-Modul	Socket-Modul	6-24V= Diode 99.01.3024
+SA	-V52	36.17	0920-5939	Stecksockel-Modul	Socket-Modul	6-24V= Diode 99.01.3024
+SA	-V100	22.3	00155274	Diodenklemme WAGO	Diodeclamp	Un 250V.Urm 1000V.1.5A
+SA	-Z6	10.5	10075158	Motor-Entstörung	Interference suppression	RC-3U 3*575VAC 20kW
+SA	-Z6	10.5	0920-7107	Aufschnapp-Adapter	Adapter plate	für DIN-Schiene 35mm

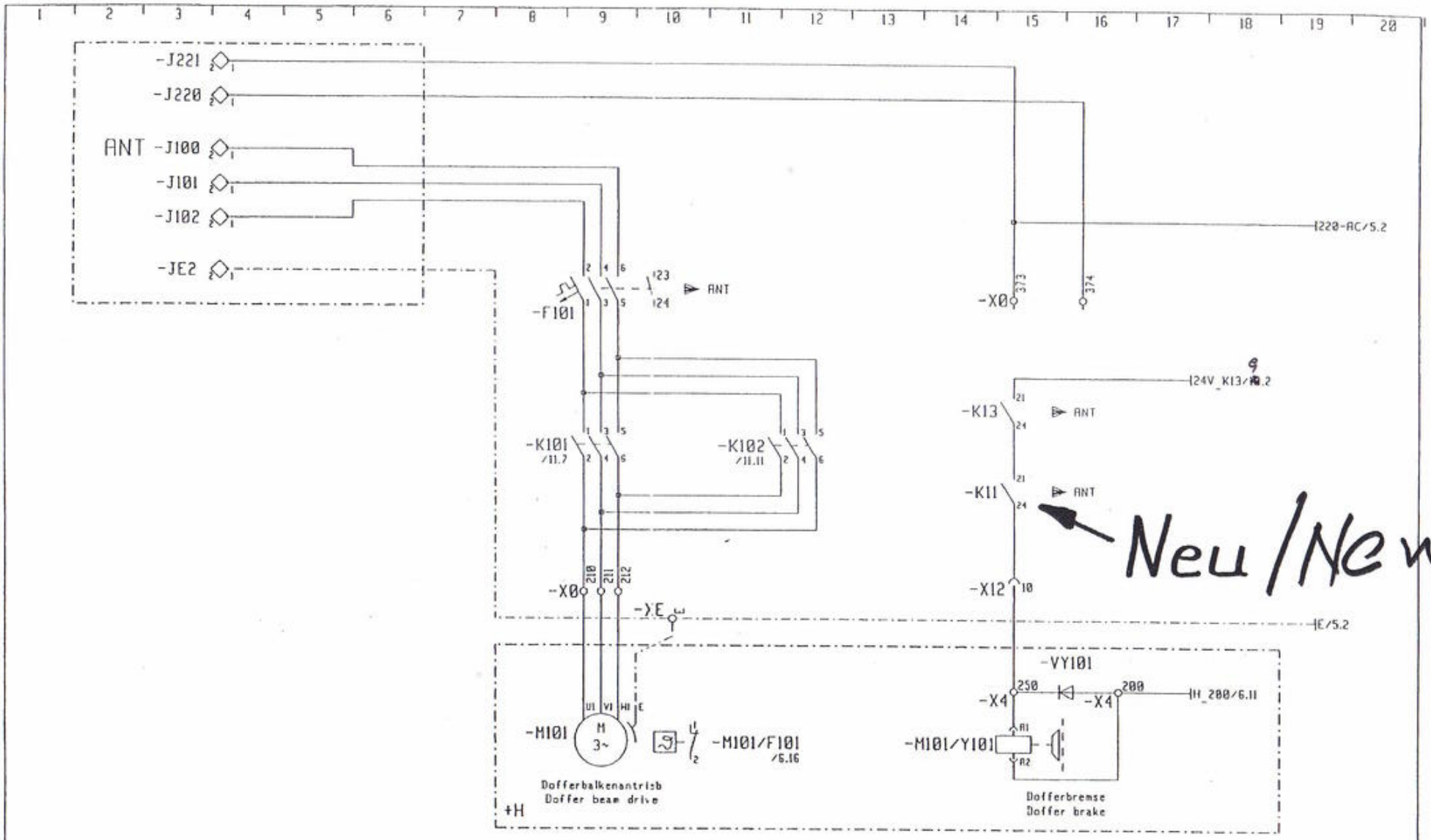
10012000	= G-Liste	Geräteliste Apparatus list	de/en language	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34				Schema G33/K44 Antrieb KEB/KEB	total: 7
Project file	plant:		GTE	2002-09-26	Reppel	Reppel	6	10012000	next:
	+1		deportm.	release date	designer	approved by	version		sheet: 7
in exchange for	place:								

Legende Module:
Description of modules:

ANT -> Antriebe variabel
Drives variable

-JE /4.5	ANT	-J202 /3.4	ANT
-JE2 /2.4	ANT	-J203 /3.4	ANT
-J100 /2.4	ANT	-J205 /3.4	ANT
-J101 /2.4	ANT	-J700 /3.4	ANT
-J102 /2.4	ANT	-J701 /3.4	ANT
-J105 /3.4	ANT	-J702 /3.4	ANT
-J110 /10.9	ANT	-J703 /3.4	ANT
-J111 /10.9	ANT	-J220 /2.4	ANT
-J200 /3.4	ANT	-J221 /2.4	ANT
-J201 /3.4	ANT	-J222 /4.5	ANT

011560	= LOG	Ringspinnmaschine	de/en	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34			Schema G33/K44 Logistik ROBOload	total: 20
oject file	plant:		language					
	+ SA	Querverweise	GTE	2002-08-12	Reppel	Reppel	4	10011560 next: 2
exchange for	place:		departm	release date	designer	approved by	version	sheet: 1



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Project file	plant:		language						total: 20
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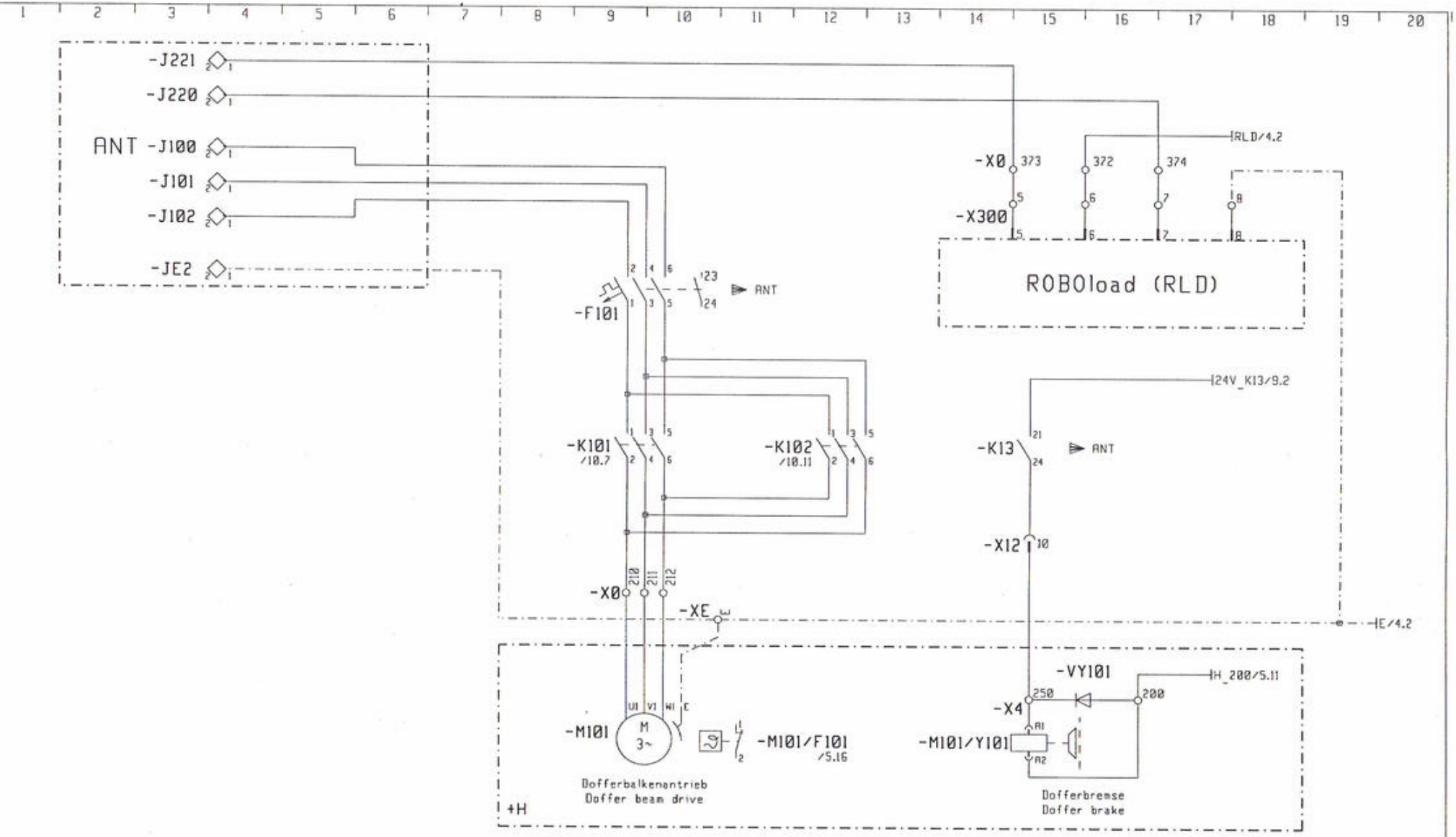
in exchange for	place:		departm.	release date	designer	approved by	version		sheet: 2



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oject file	plant:		language						
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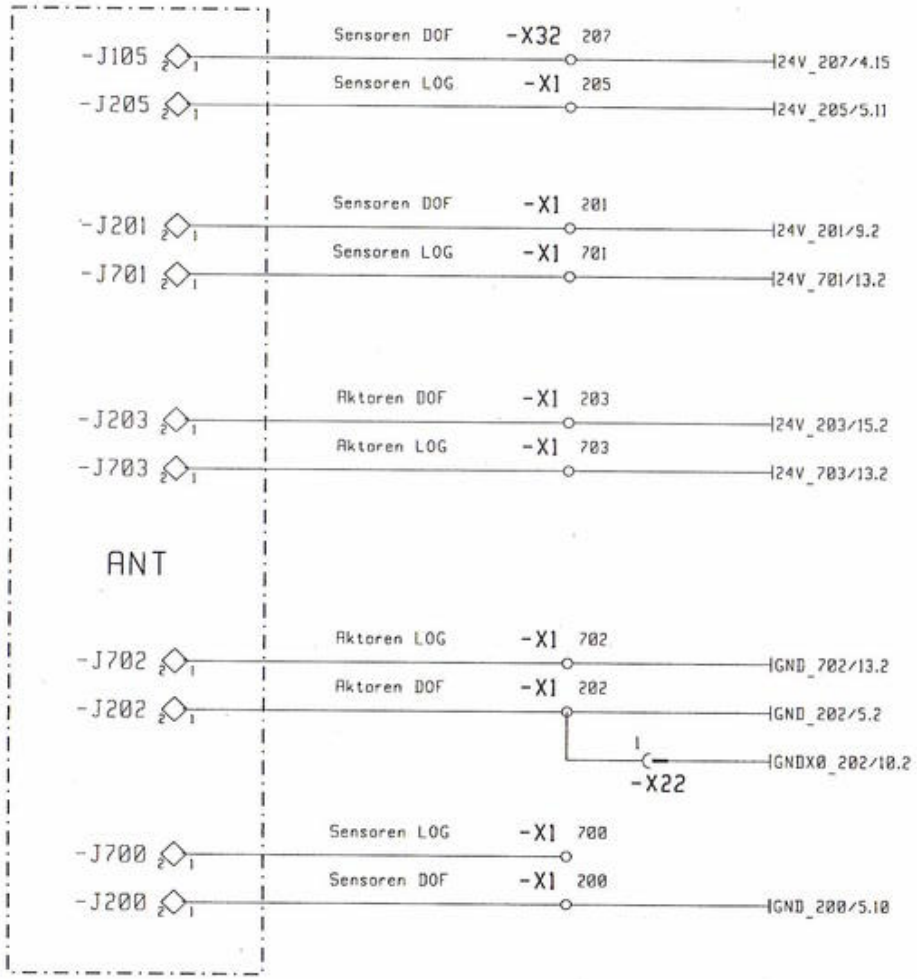
exchange for	place:		departm.	release date	designer	approved by	version		sheet: 2



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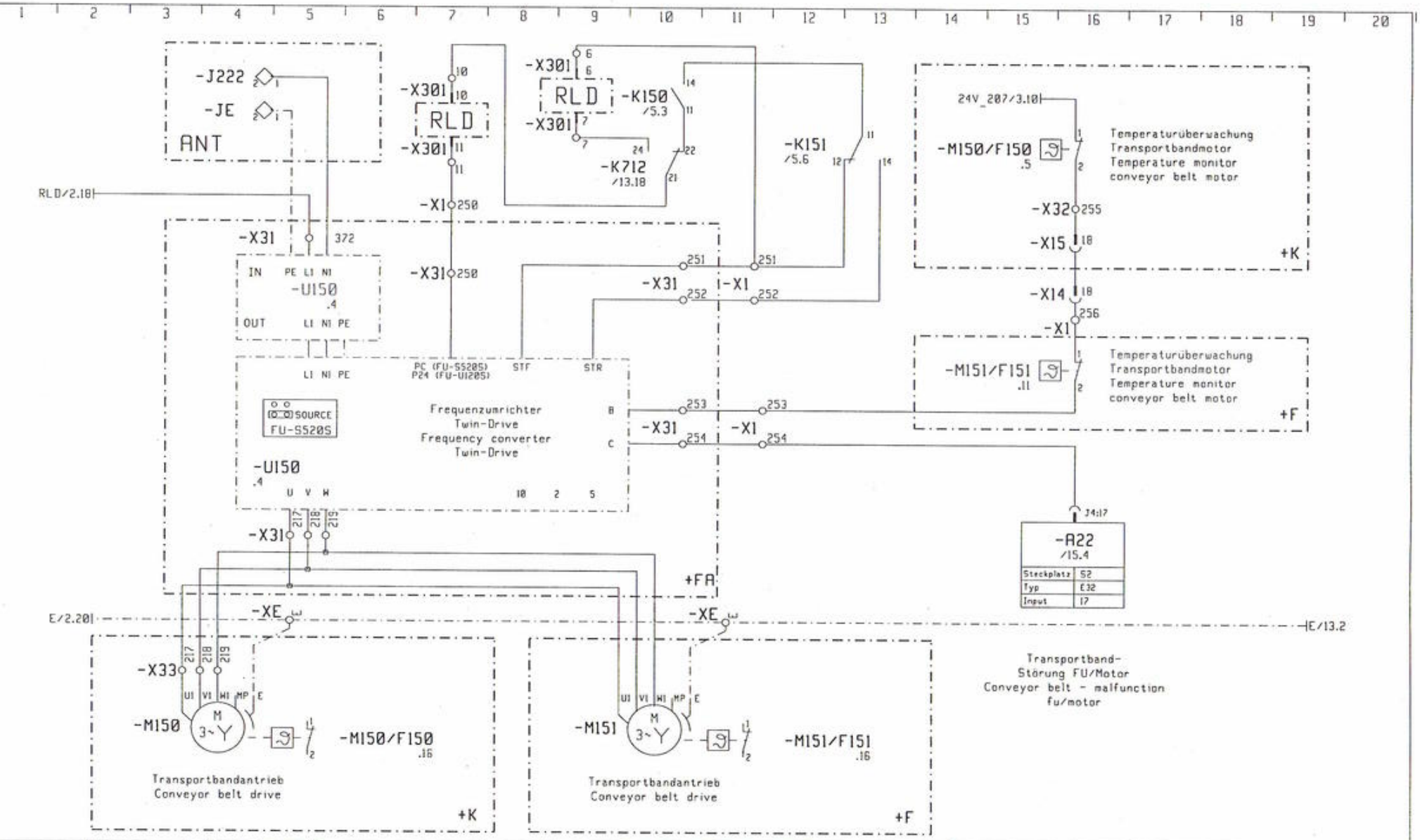
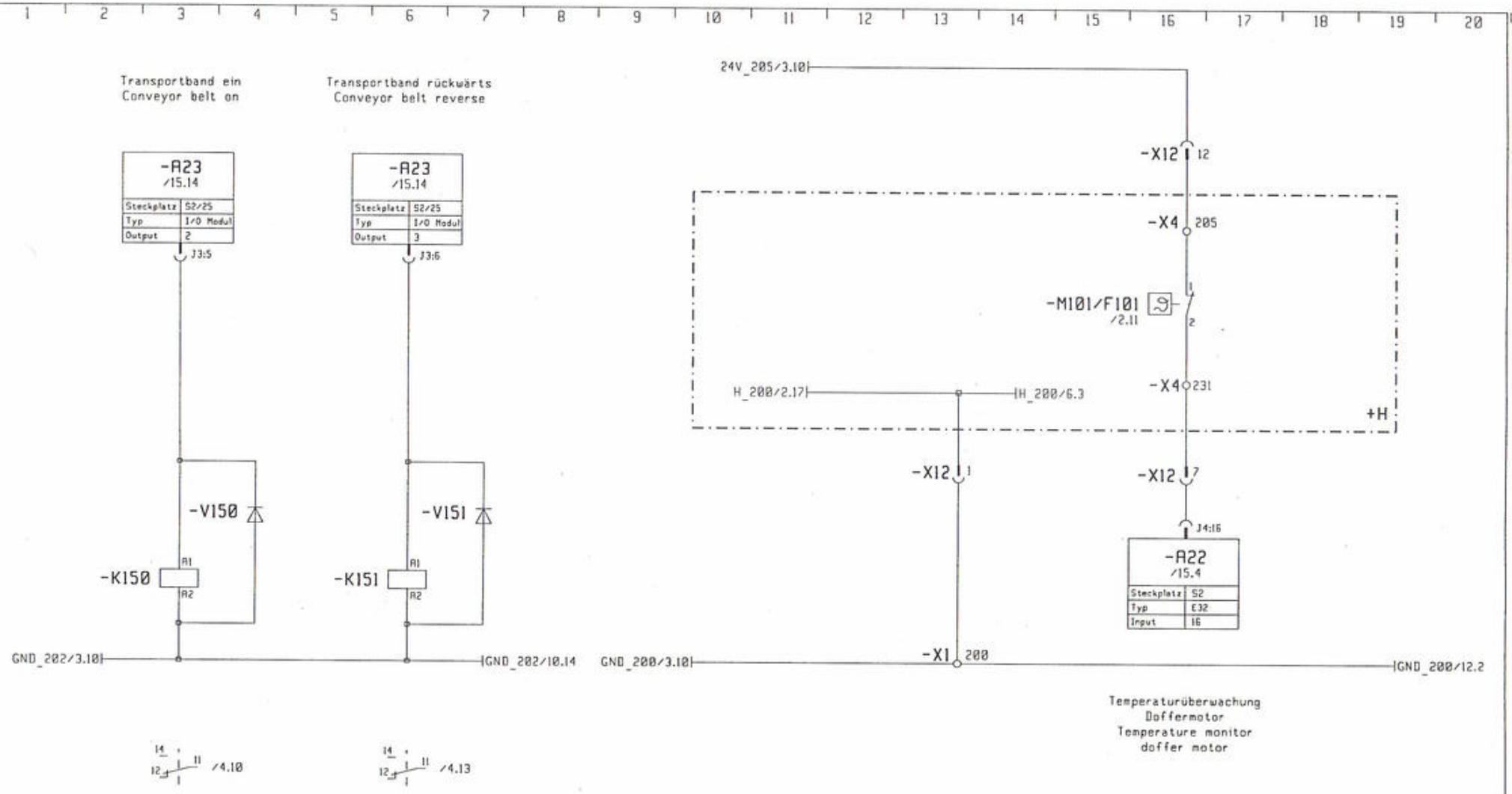
oject file	plant:		language						total: 20
	+ SA	Speisungskonzept	GTE	2002-08-12	Reppel	Reppel	4	10011560	next: 4
exchange for	place:		deparim.	release date	designer	approved by	version		sheet: 3



011560	- LOG	Ringspinnmaschine	de/en	RIETER Maschinenfabrik Rieter AG			Schema G33/K44 Logistik ROBOload	total: 20
oject file	plant:		language	Schutzvermerk nach DIN 34 beachten/Refer to DIN 34				
	+ SA	Hauptstrom	GTE	2002-08-12	Reppel	Reppel	4	next: 5
exchange for	place:		deparim.	release date	designer	approved by	version	10011560 sheet: 4



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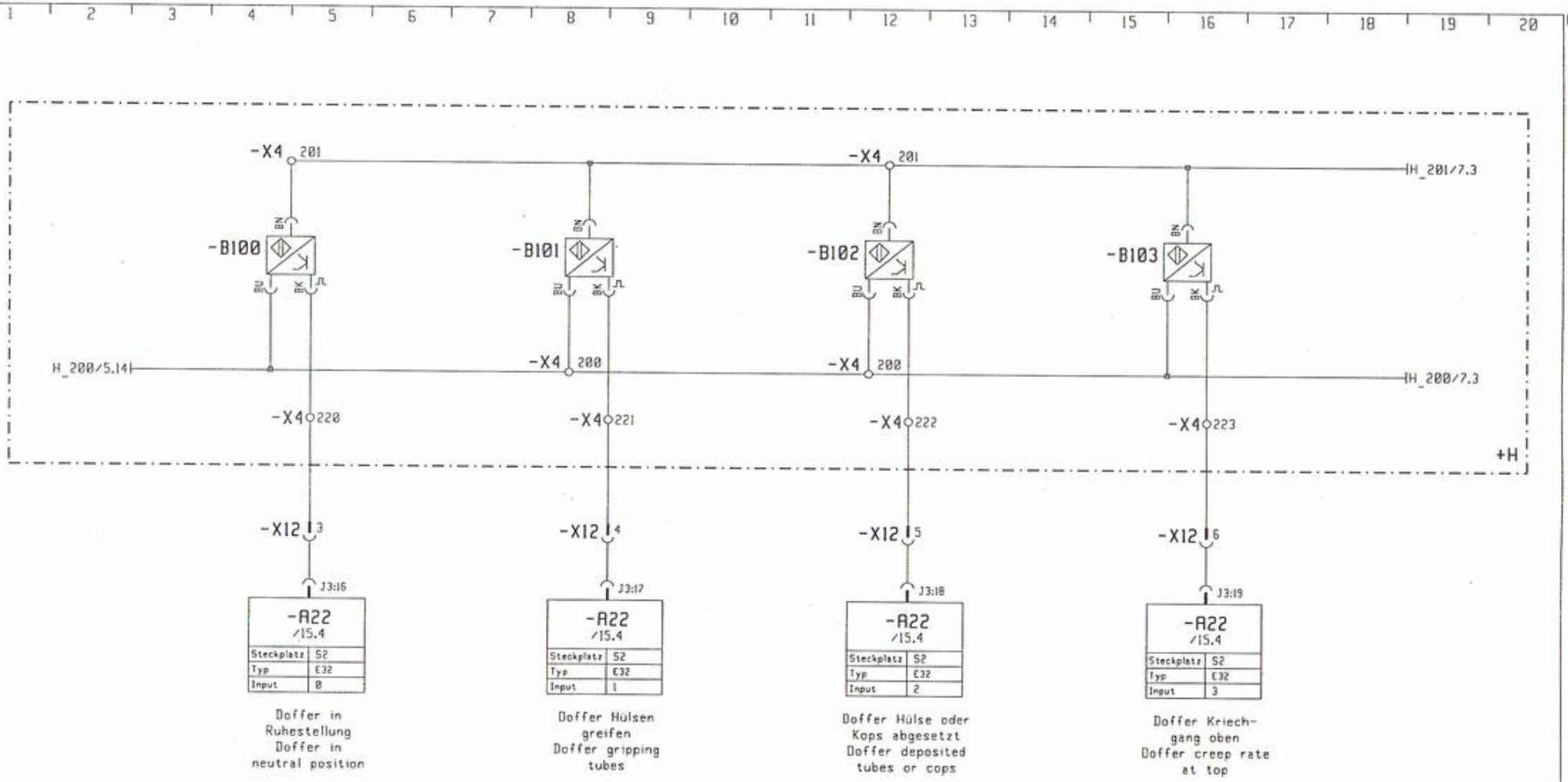
roject file	plant:		language						
	+ SA	Stromlaufplan	GTE	2002-08-12	Reppel	Reppel	4	10011560	next: 6
exchange for	place:		deparim.	release date	designer	approved by	version		sheet: 5



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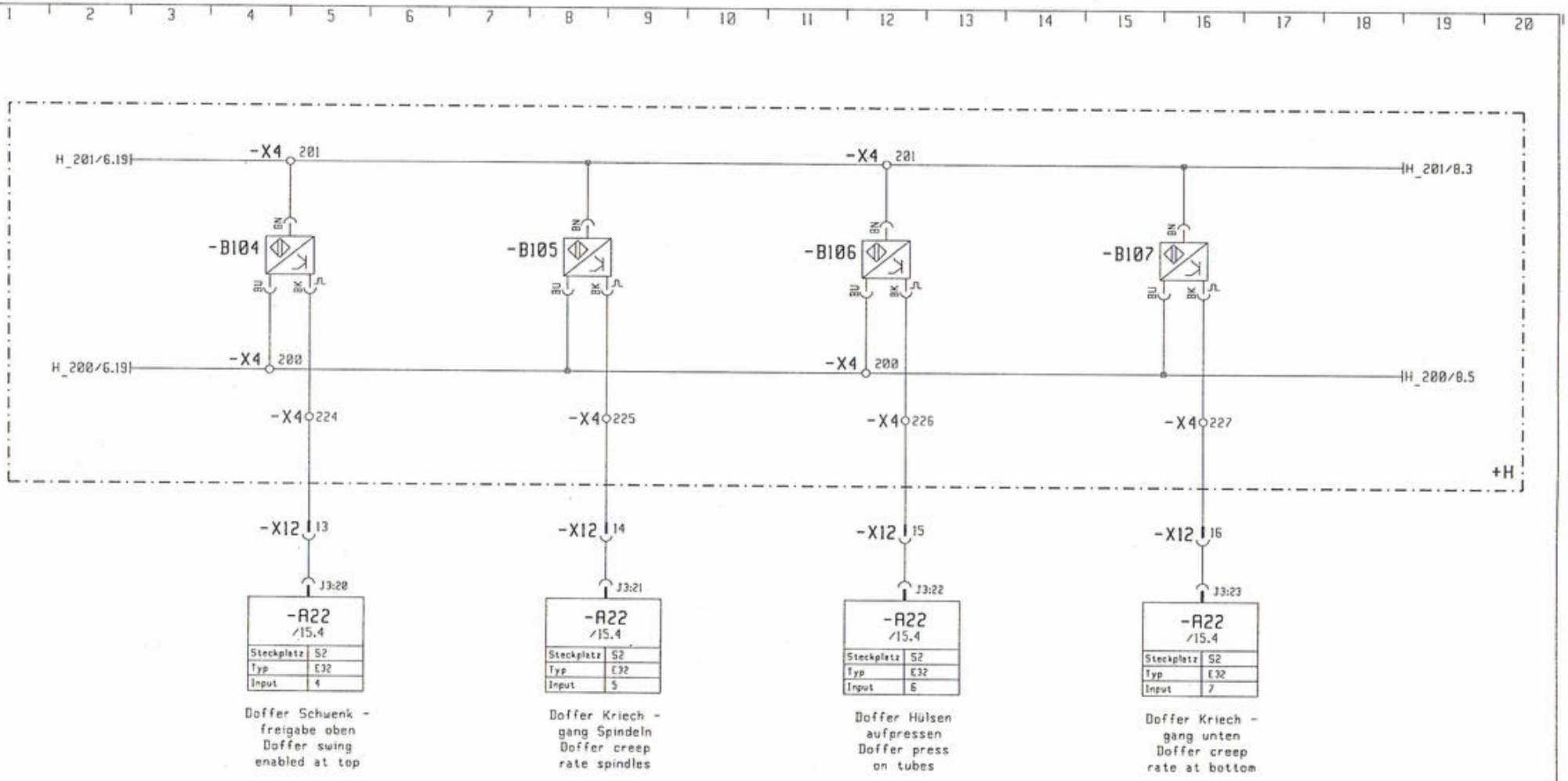
roject file	plant:		language						
	+ SA	Stromlaufplan	GTE	2002-08-12	Reppel	Reppel	4	10011560	next: 7
exchange for	place:		departm.	release date	designer	approved by	version		sheet: 6



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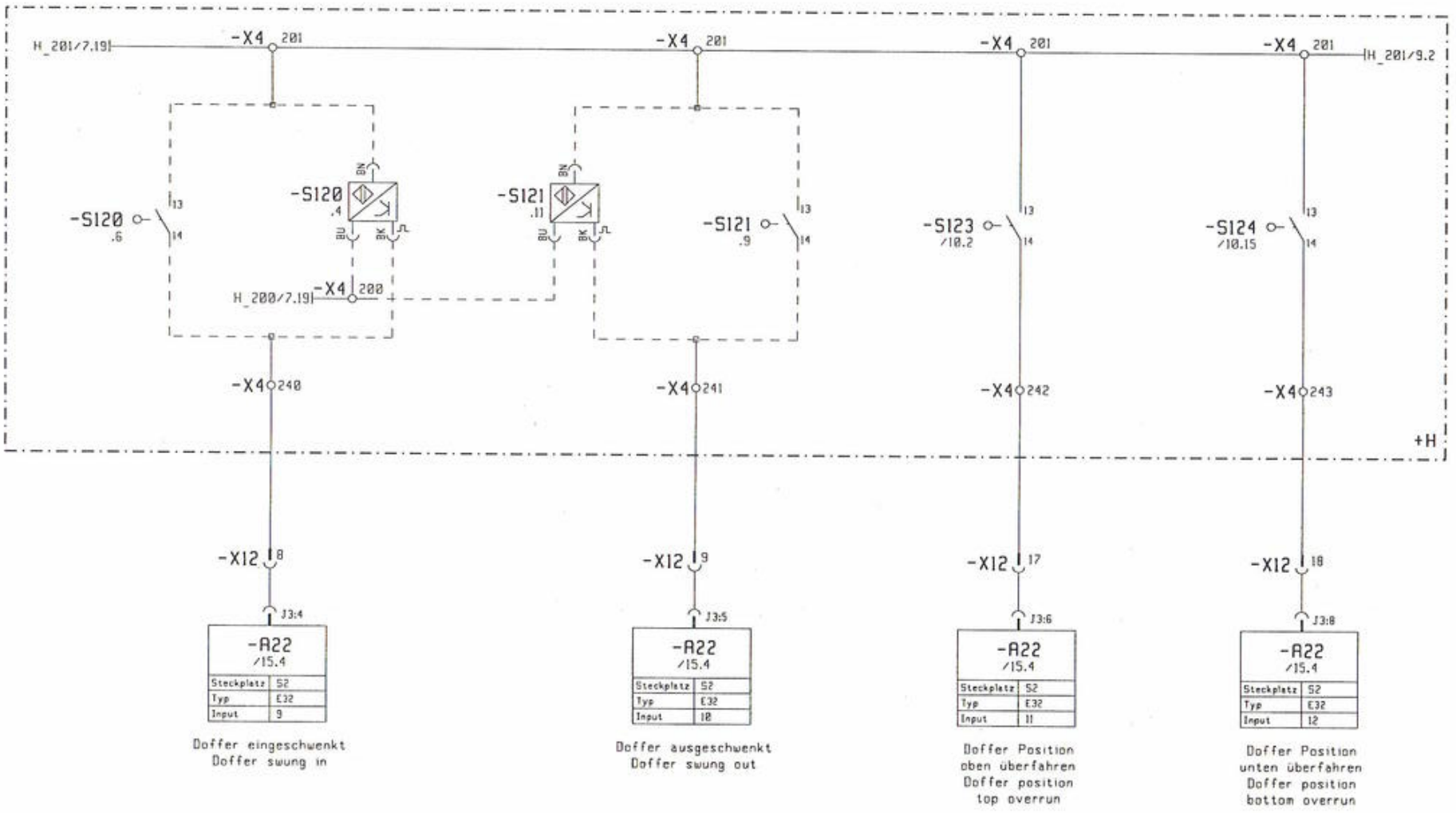
roject file	plant:		language						next: 8
	+ SA	Stromlaufplan	GTE	2002-08-12	Reppel	Reppel	4	10011560	sheet: 7
exchange for	place:		departm.	release date	designer	approved by	version		



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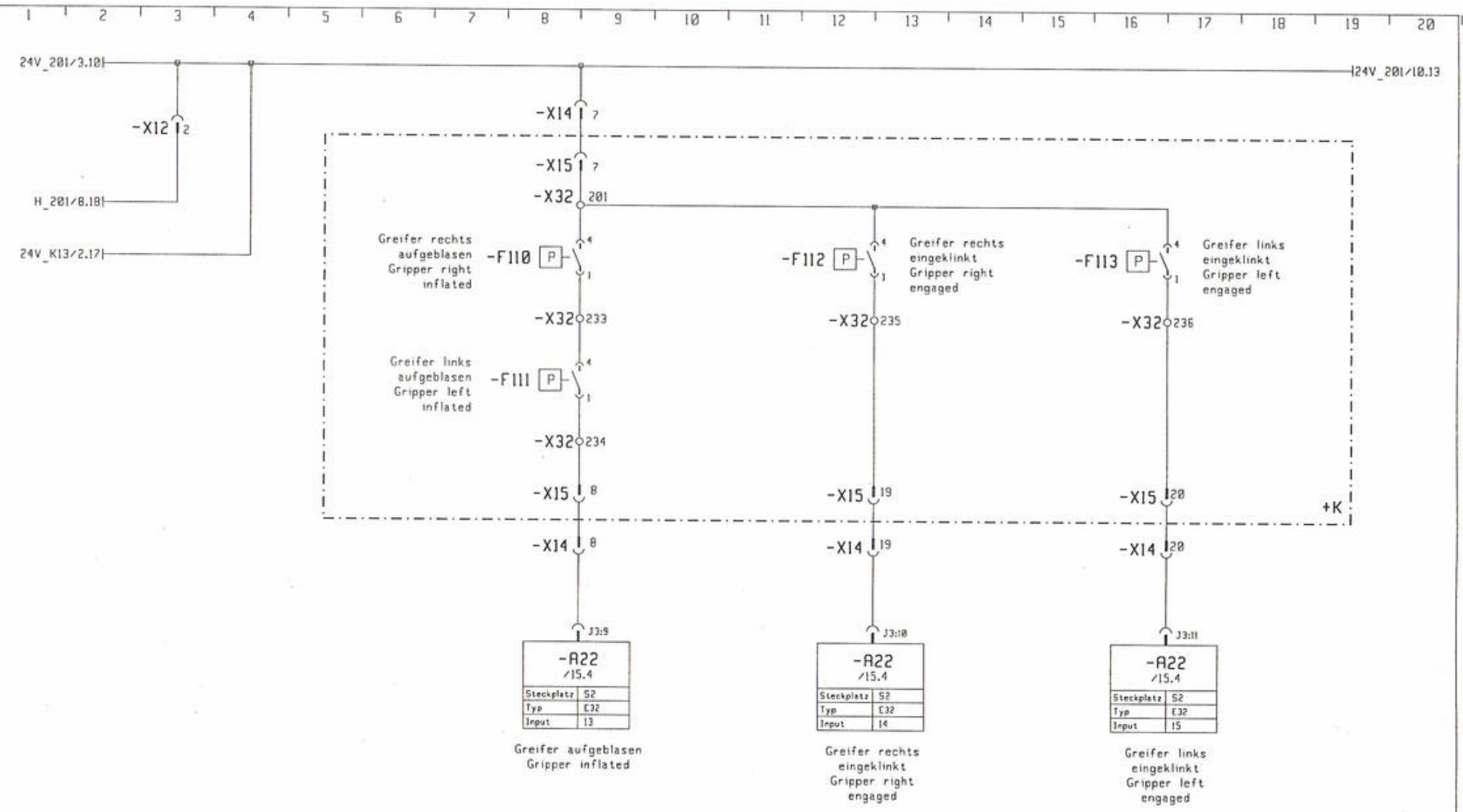
	+ SA	Stromlaufplan	GTE	2002-08-12	Reppel	Reppel	4	10011560	sheet: 8
exchange for	place:		departm	release date	designer	approved by	version		



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Project file	plant:		language						total: 20
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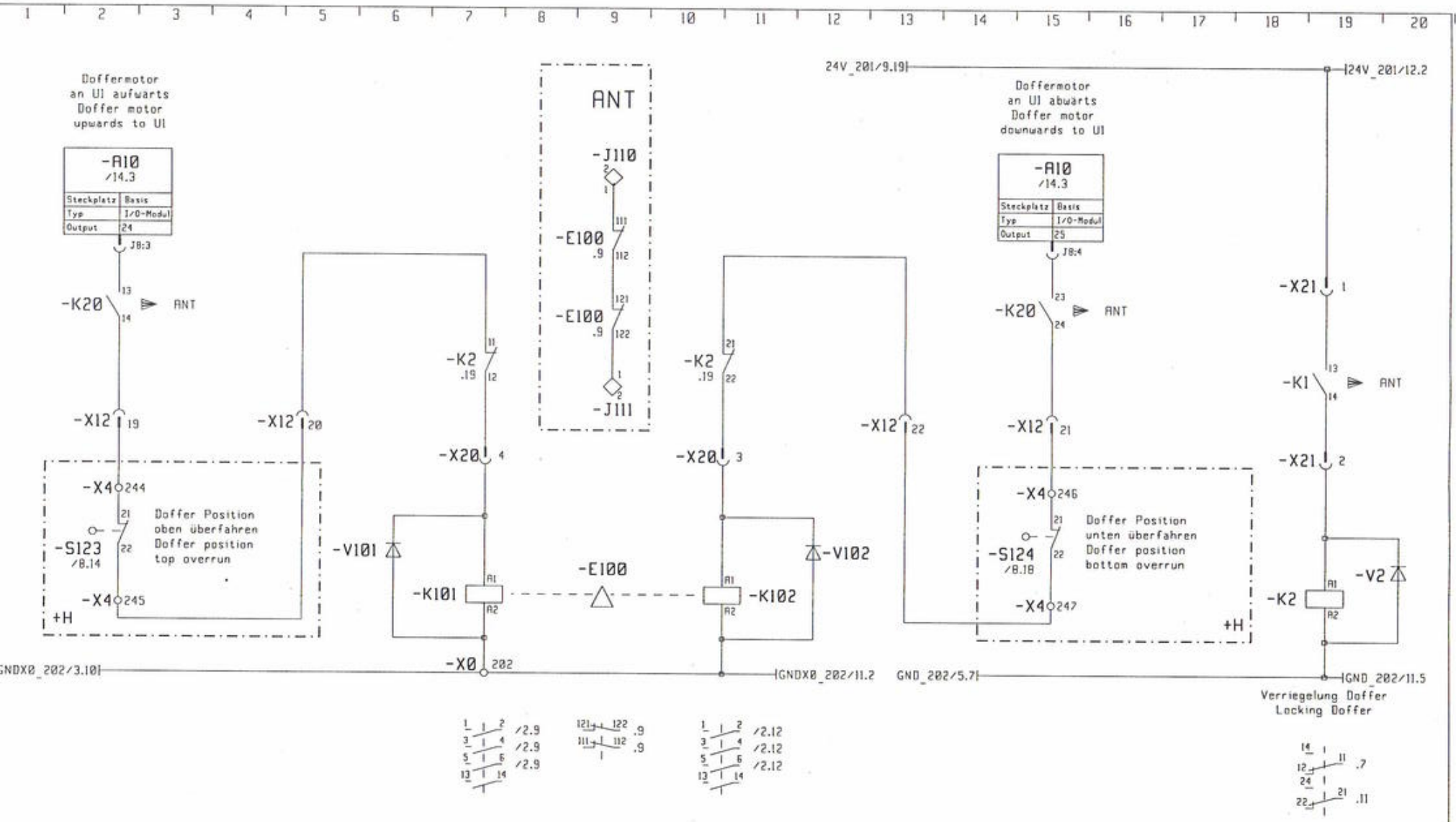

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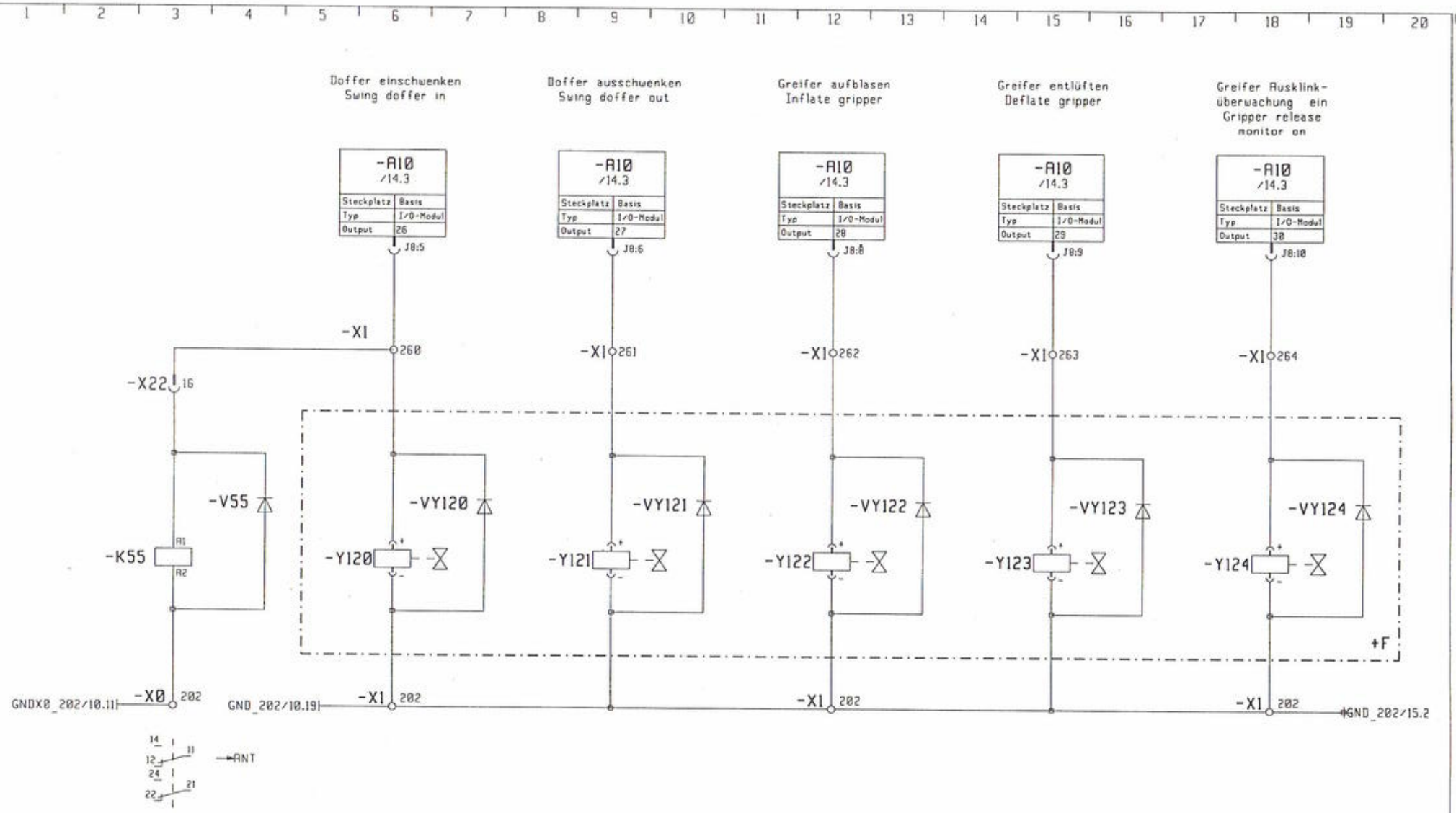

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roject file	plant:		language	Schutzvermerk nach DIN 34 beachten/Refer to DIN 34					total: 20
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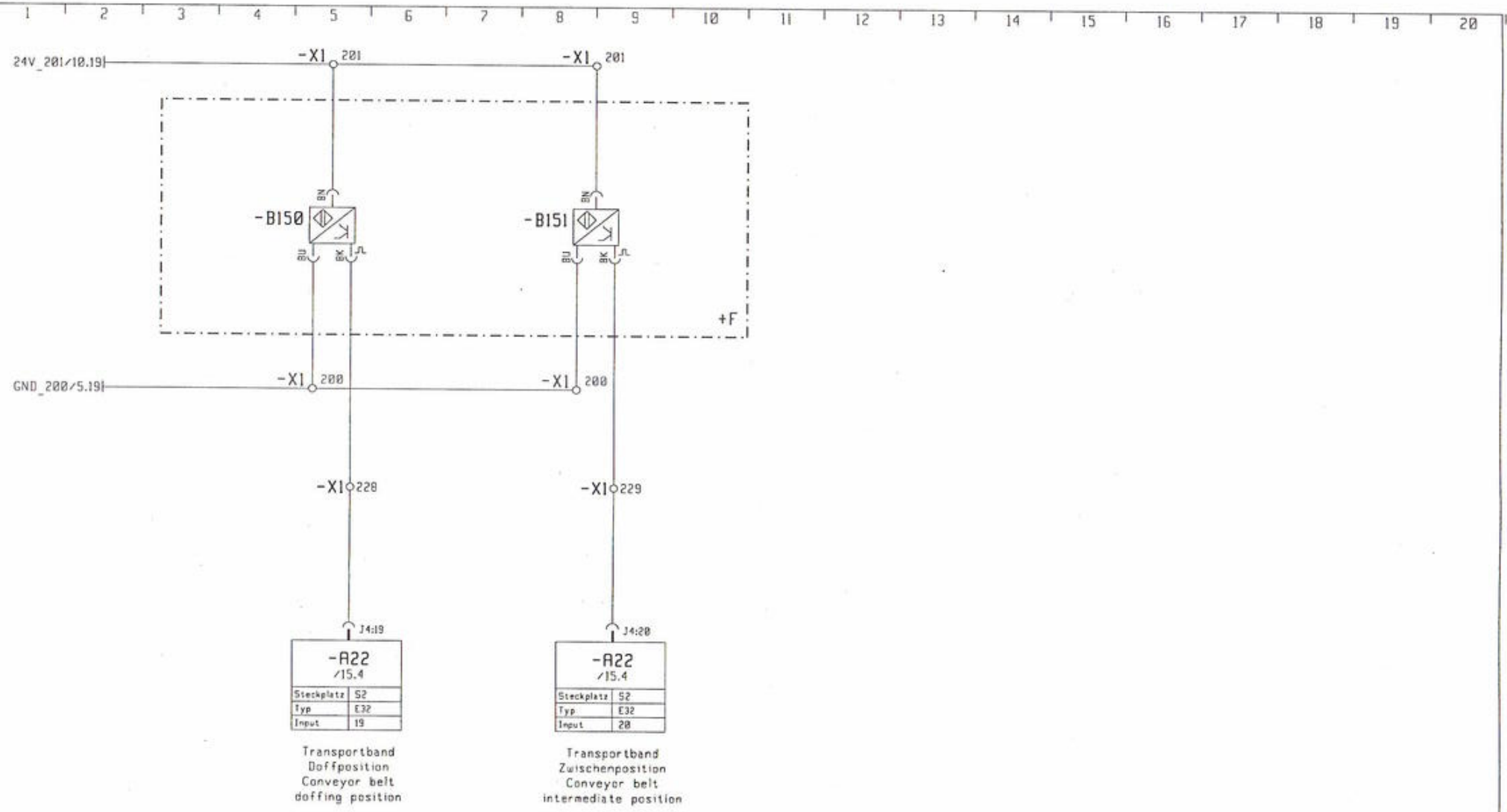

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roject file	plant:		language						total: 20
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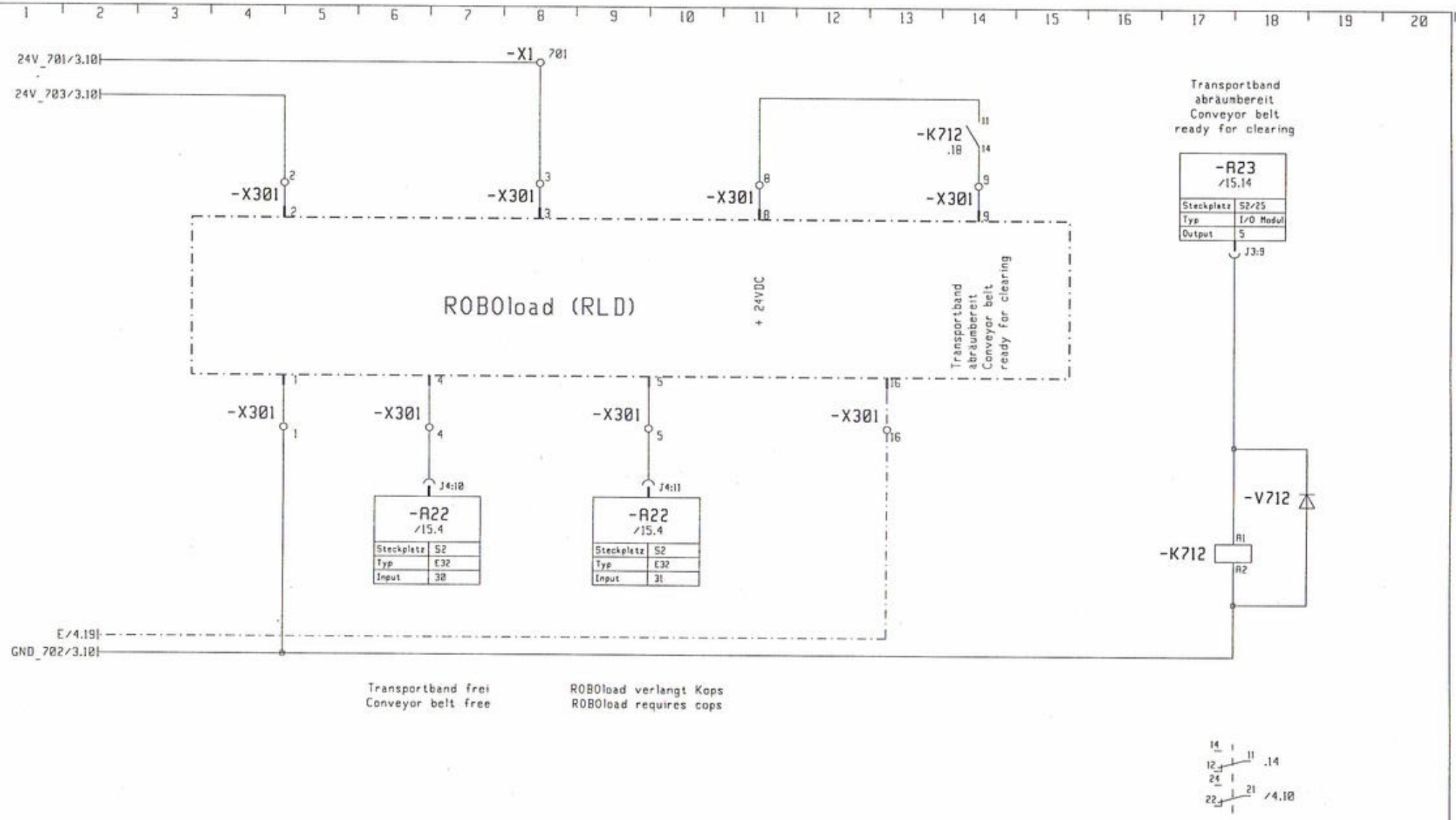

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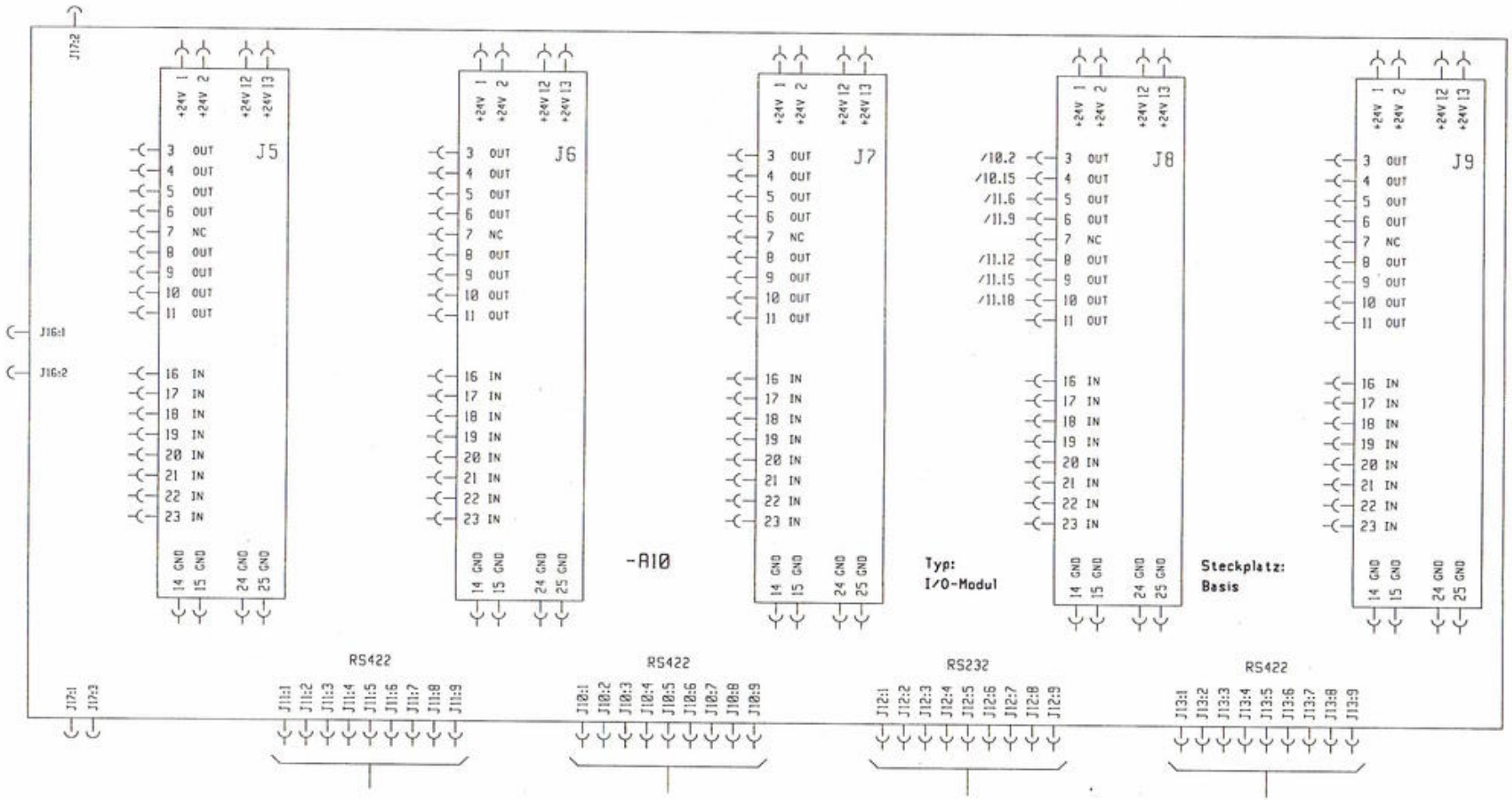

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Project file	plant:		language					next: 15
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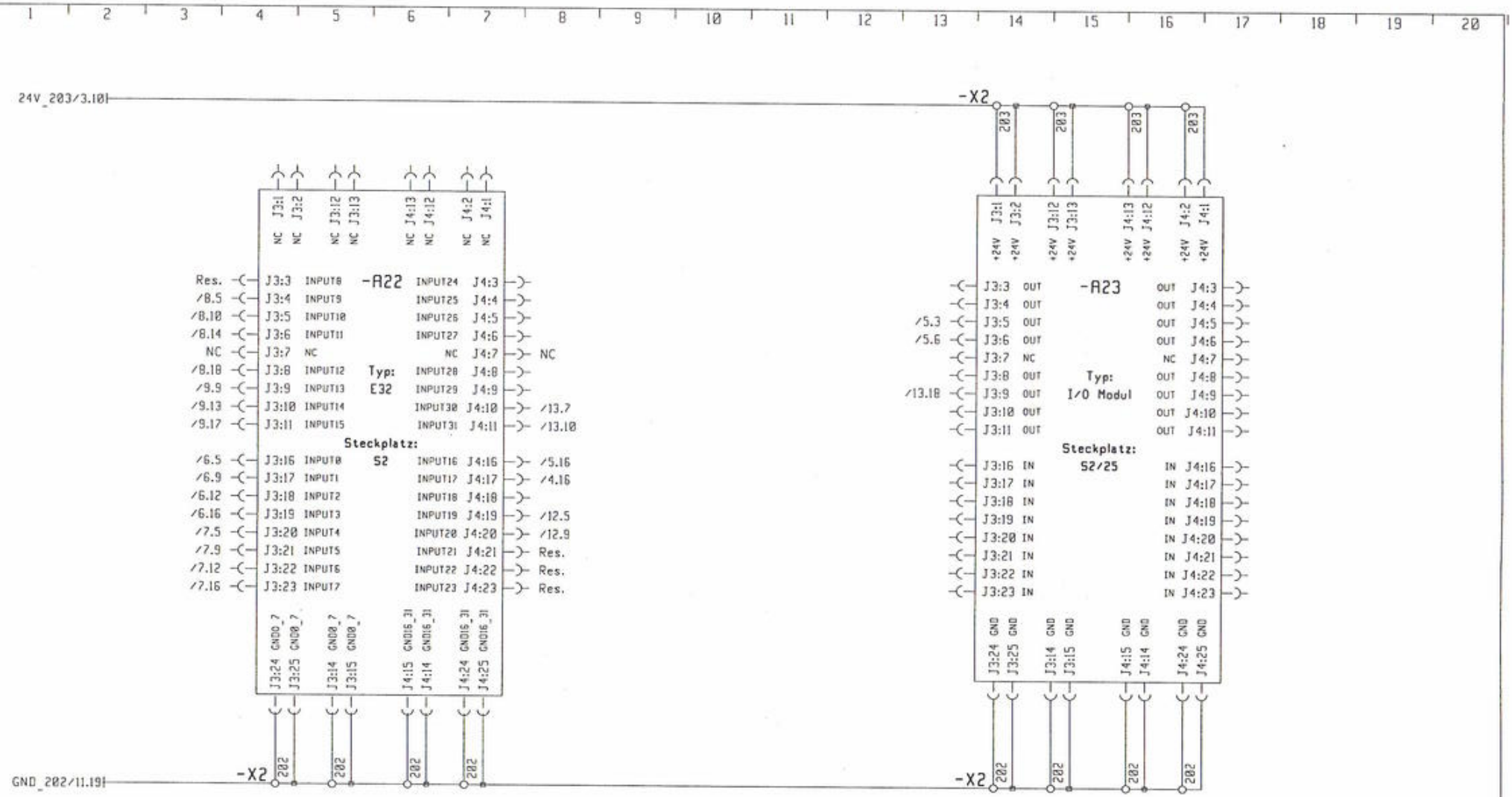

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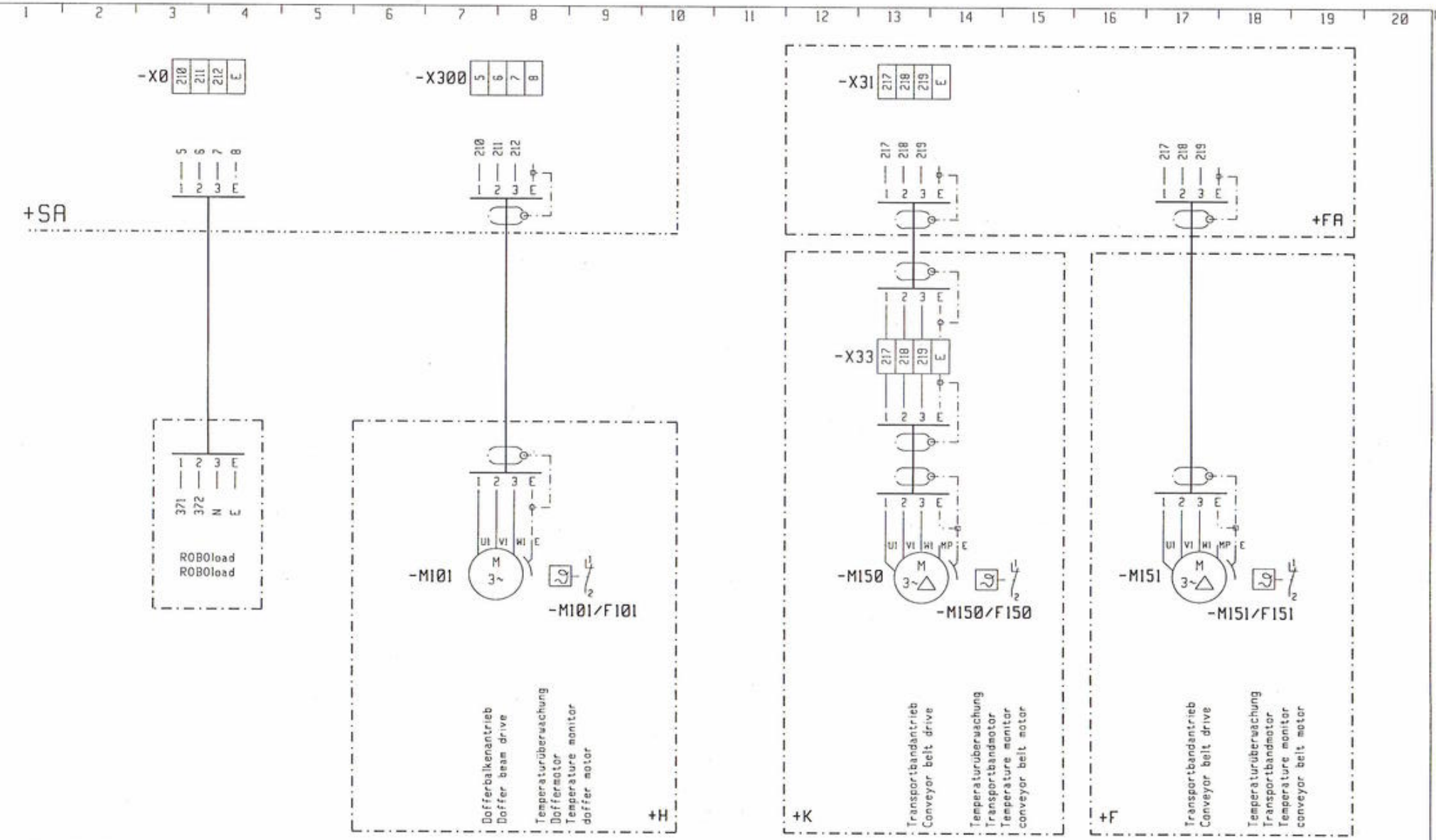

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roject file	plant:		language						
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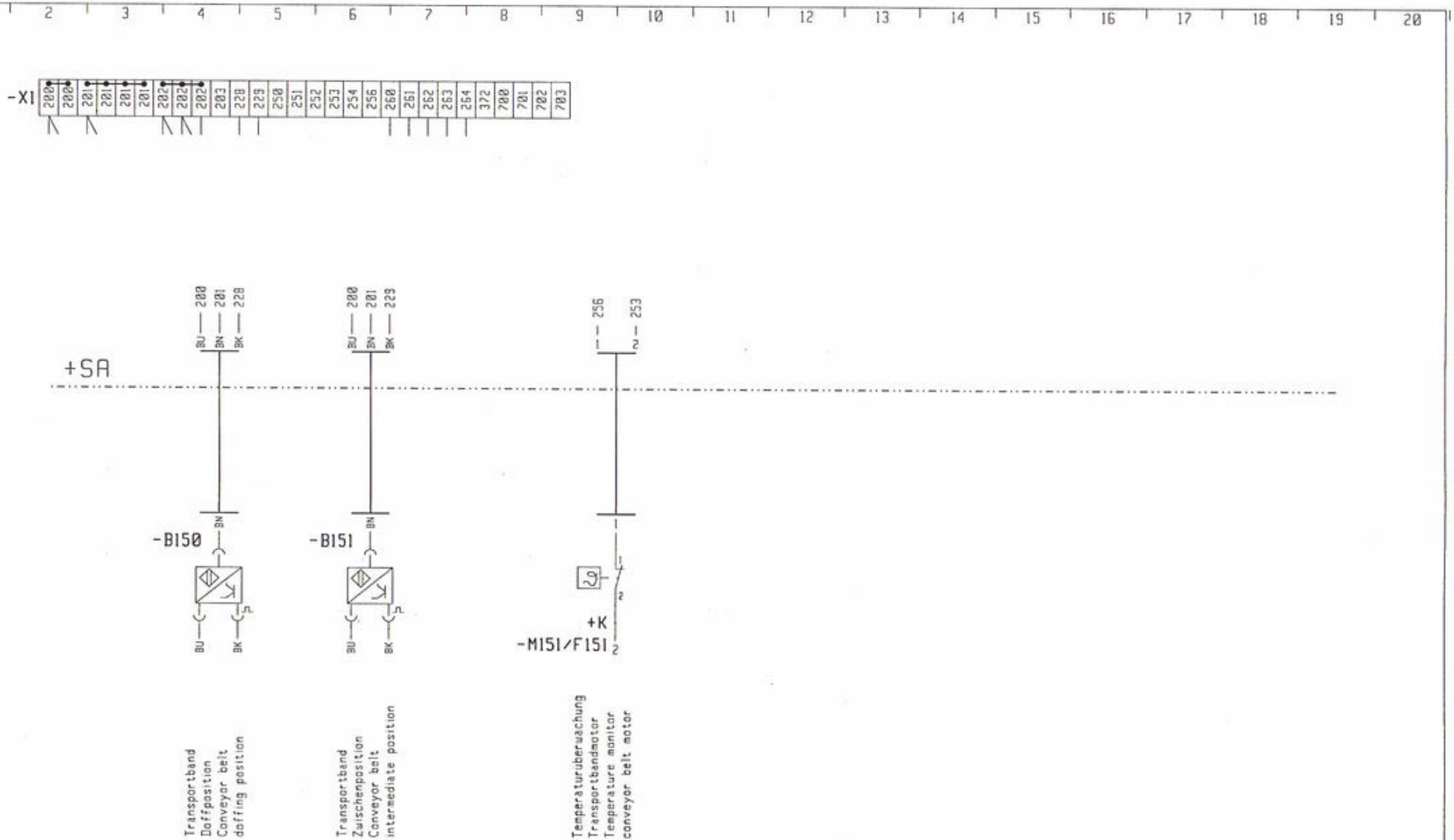

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Project file	plant:		language						
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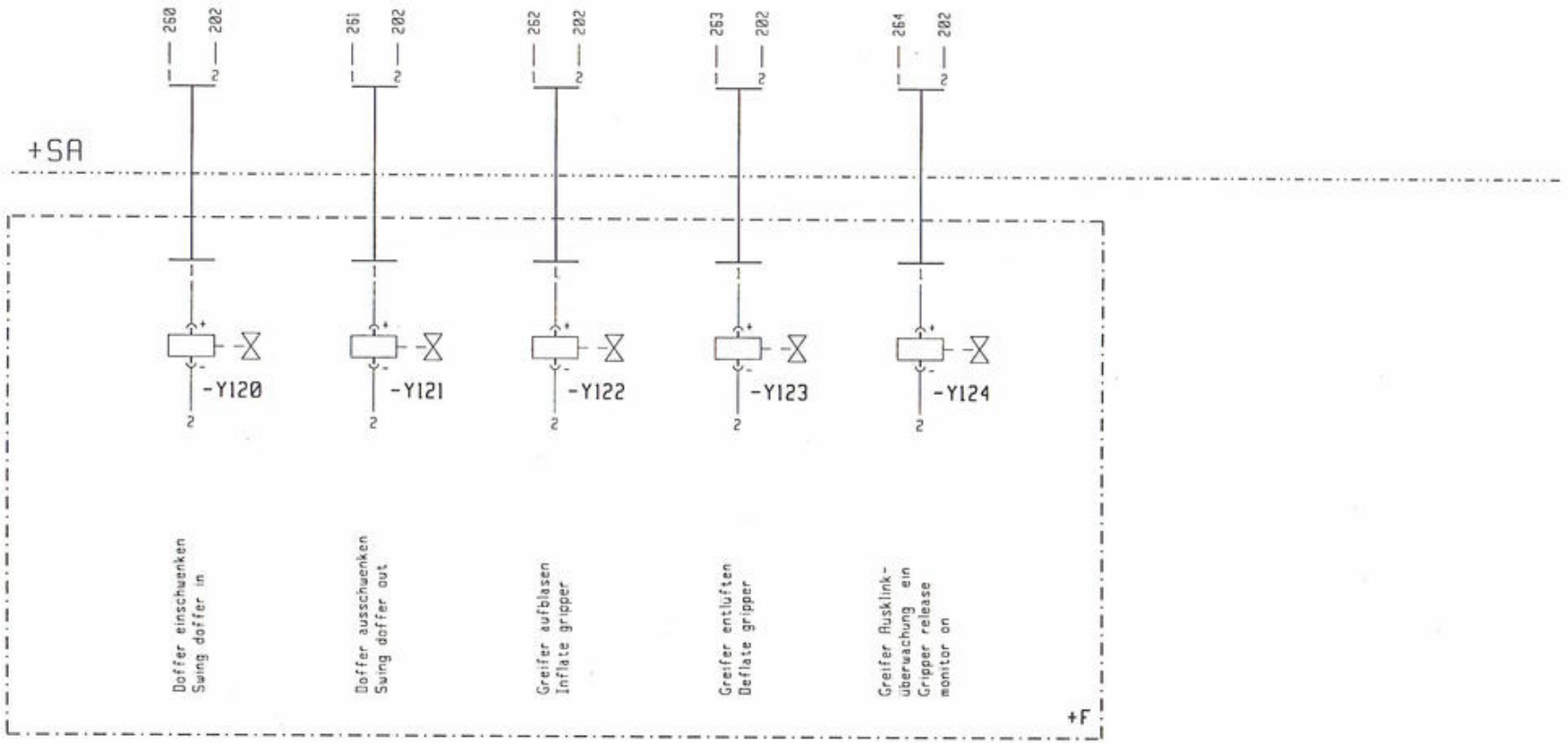

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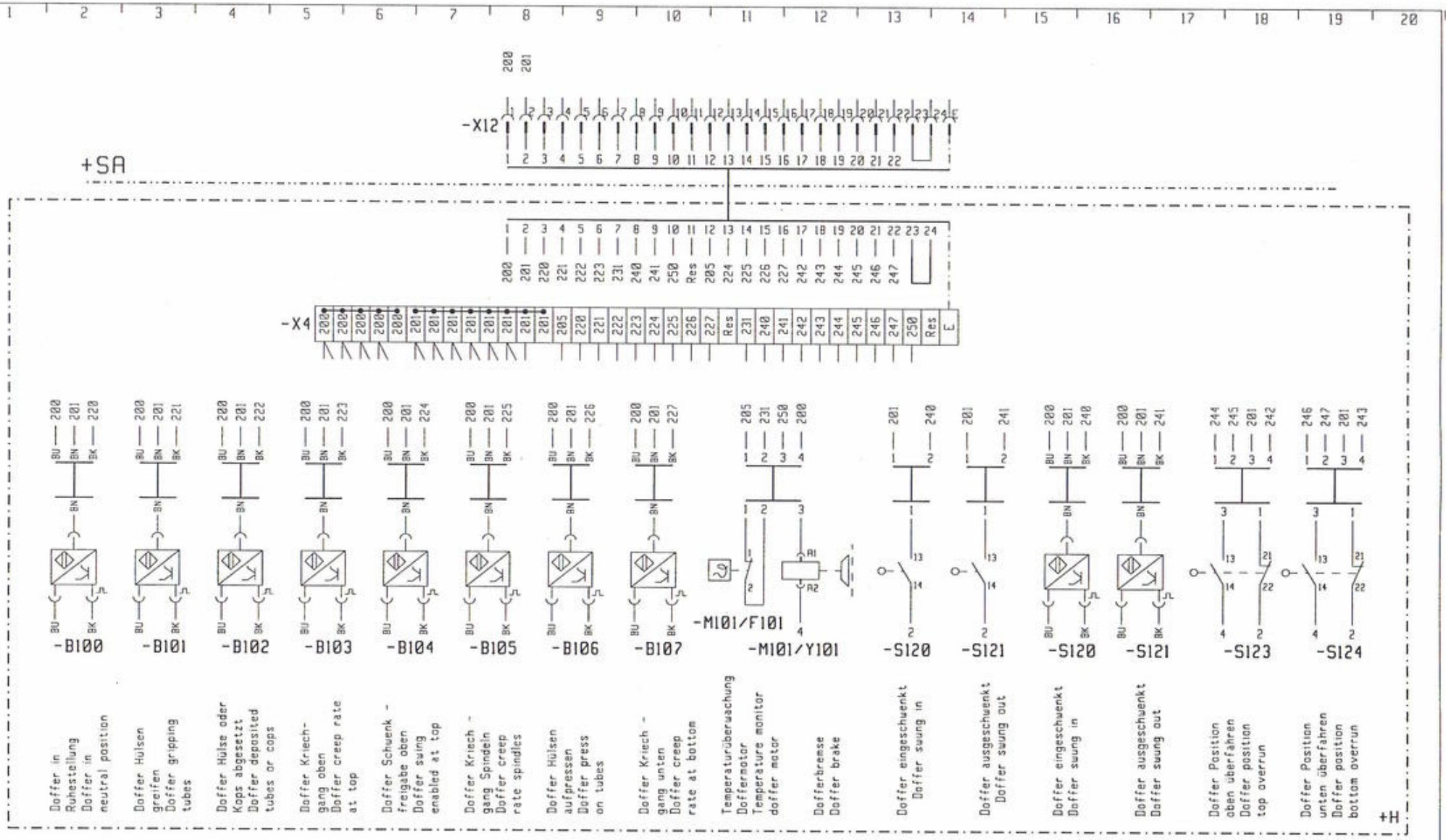

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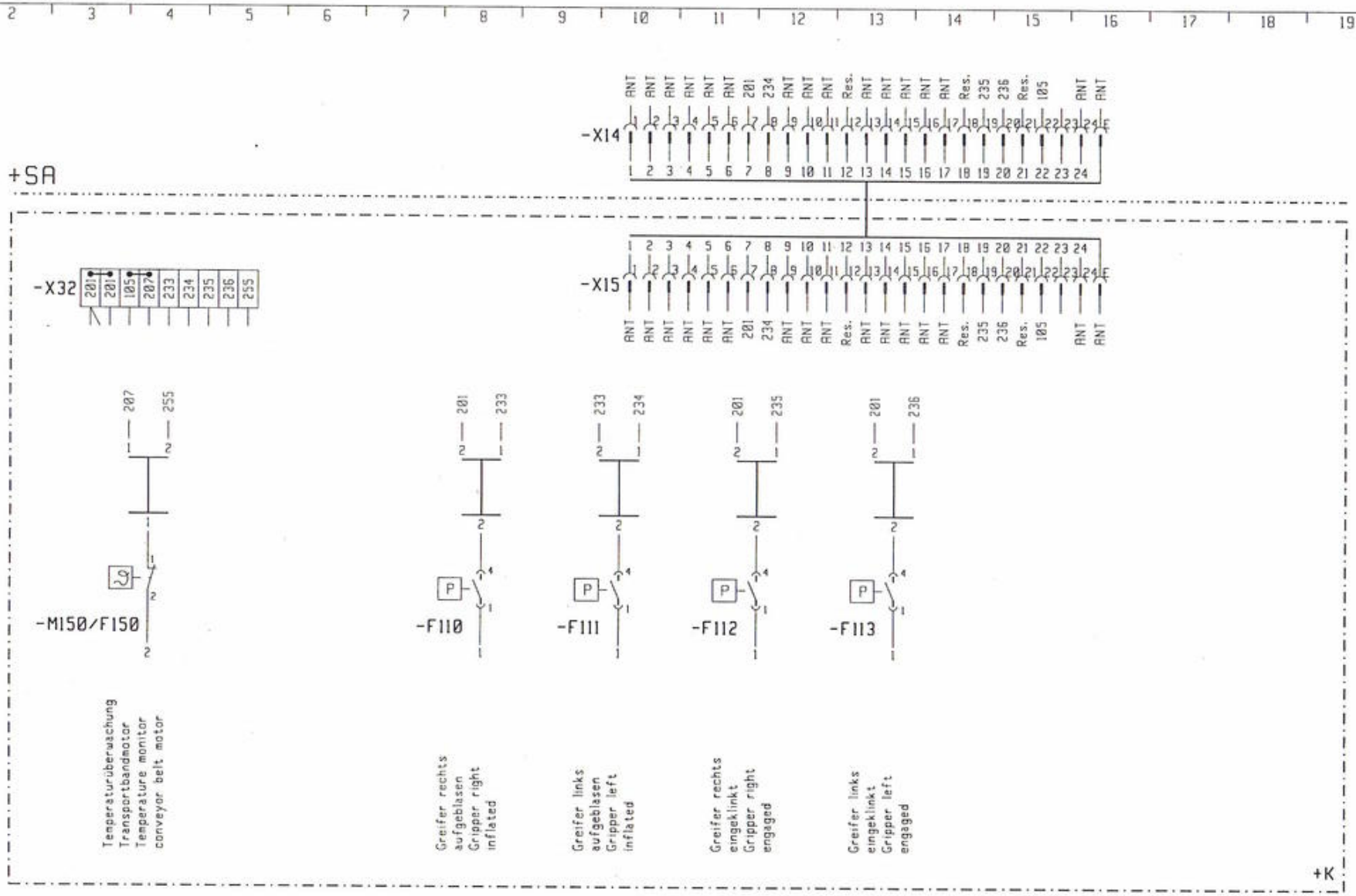
in exchange for	place:		departm	release date	designer	approved by	version		sheet: 19



10011560	- LOG	Ringspinnmaschine	de/en	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34				Schema G33/K44 Logistik ROBOload	total: 20
Project file	plant:		language						
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in exchange for	place:		departm	release date	designer	approved by	version		sheet: 20

Ort Place	BMK	Blatt Page	Material	Bezeichnung	Description	Typ Type
+F	-B150	12.5	10002691	Initiator Sn2	Initiator Sn2	PNPs 24V
+F	-B150	12.5	0920-2283	Kabelsteckdose Winkel 4.0m	Cable socket angle 4.0m	ES12A 4p*0.34
+F	-B151	12.9	10002691	Initiator Sn2	Initiator Sn2	PNPs 24V
+F	-B151	12.9	0920-2283	Kabelsteckdose Winkel 4.0m	Cable socket angle 4.0m	ES12A 4p*0.34
+F	-M151	4.9	1890-2098	Getriebe-Motor	Gear motor	3*230V 50Hz 90W
+F	-M151	4.9	10148621	Getriebe-Motor	Gear motor	3*230V 50Hz 70W FGA103
+F	-M151/F151	4.11				
+F	-Y120	11.6	0920-9526	3/2-Wege-Magnetventil	3/2 way solenoid	Nw2 24VDC
+F	-Y120	11.6	0920-0979	Kabelsteckdose A 2p+E	Plug type A 2p+E	S18209TC421 DIN43650A
+F	-Y121	11.9	0920-9526	3/2-Wege-Magnetventil	3/2 way solenoid	Nw2 24VDC
+F	-Y121	11.9	0920-0979	Kabelsteckdose A 2p+E	Plug type A 2p+E	S18209TC421 DIN43650A
+F	-Y122	11.12	0920-9526	3/2-Wege-Magnetventil	3/2 way solenoid	Nw2 24VDC
+F	-Y122	11.12	0920-0979	Kabelsteckdose A 2p+E	Plug type A 2p+E	S18209TC421 DIN43650A
+F	-Y123	11.15	0920-9526	3/2-Wege-Magnetventil	3/2 way solenoid	Nw2 24VDC
+F	-Y123	11.15	0920-0979	Kabelsteckdose A 2p+E	Plug type A 2p+E	S18209TC421 DIN43650A
+F	-Y124	11.18	0920-9526	3/2-Wege-Magnetventil	3/2 way solenoid	Nw2 24VDC
+F	-Y124	11.18	0920-0979	Kabelsteckdose A 2p+E	Plug type A 2p+E	S18209TC421 DIN43650A
+FA	-U150	4.4	0920-7391	Frequenzumrichternetzfilter	frequency discriminating fil	FRU120S-EC 200W
+FA	-U150	4.4	10095860	Frequenzumrichternetzfilter	frequency discriminating fil	FRS520S-EC 400W
+FA	-U150	4.4	0920-7390	Frequenz-Umrichter 200W	Frequence-inverter 200W	3*230V FR-U120S-EC
+FA	-U150	4.4	10095859	Frequenz-Umrichter 400W	Frequence-inverter 400W	3*230V FR-S520S-EC
+H	-B100	6.5	10002691	Initiator Sn2	Initiator Sn2	PNPs 24V
+H	-B100	6.5	0920-2283	Kabelsteckdose Winkel 4.0m	Cable socket angle 4.0m	ES12A 4p*0.34
+H	-B101	6.8	10002691	Initiator Sn2	Initiator Sn2	PNPs 24V
+H	-B101	6.8	0920-2283	Kabelsteckdose Winkel 4.0m	Cable socket angle 4.0m	ES12A 4p*0.34
+H	-B102	6.12	10002691	Initiator Sn2	Initiator Sn2	PNPs 24V
+H	-B102	6.12	0920-2283	Kabelsteckdose Winkel 4.0m	Cable socket angle 4.0m	ES12A 4p*0.34
+H	-B103	6.16	0920-2293	Initiator Sn 4	Proximity switch	IFRM 12P 1763/S1 3L 24VDC
+H	-B103	6.16	0920-2281	Kabelsteckdose Winkel 2.0m	Cable socket angle 2.0m	ES12A 4p*0.34
+H	-B104	7.5	0920-2293	Initiator Sn 4	Proximity switch	IFRM 12P 1763/S1 3L 24VDC
+H	-B104	7.5	0920-2281	Kabelsteckdose Winkel 2.0m	Cable socket angle 2.0m	ES12A 4p*0.34
+H	-B105	7.8	0920-2293	Initiator Sn 4	Proximity switch	IFRM 12P 1763/S1 3L 24VDC
+H	-B105	7.8	0920-2281	Kabelsteckdose Winkel 2.0m	Cable socket angle 2.0m	ES12A 4p*0.34
+H	-B106	7.12	0920-2293	Initiator Sn 4	Proximity switch	IFRM 12P 1763/S1 3L 24VDC
+H	-B106	7.12	0920-2281	Kabelsteckdose Winkel 2.0m	Cable socket angle 2.0m	ES12A 4p*0.34
+H	-B107	7.16	0920-2293	Initiator Sn 4	Proximity switch	IFRM 12P 1763/S1 3L 24VDC

0011560	- G-Liste	Geräteliste Apparatus list	de/en language	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34			Schema G33/K44 Logistik ROBOload	
roject file	plant:		GTE	2002-08-12	Reppel	Reppel	4	10011560
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exchange for	place:							

total: 3
next: 2
sheet: 1

Ort Place	BMK	Blatt Page	Material	Bezeichnung	Description	Typ Type
+H	-B107	7.16	0920-2281	Kabelsteckdose Winkel 2,0m	Cable socket angle 2,0m	ES12A 4p*0,34
+H	-M101	2.9	0990-1826	Motor	Motor	3,3/5,9kW 3*220/400V 50/90H
+H	-M101	2.9	10088895	Motor mit Bremse	Motor with Brake	3,3/5,9kW 3*400V/50/90Hz
+H	-M101/F101	2.11				
+H	-M101/Y101	2.15	10005190	Zusatzbremse	Auxiliary Brake	ROBA-stop-M 8Nm/24V DC
+H	-S120	8.4	0920-5388	Endschalter 1s/1oe	Limit switch 1NO/1NC	SU1ZAHS
+H	-S120	8.6	0920-5981	Magnetschalter-Halter	solenoid switch holder	DSM Ø 5-10
+H	-S120	8.6	0920-5972	Magnetschalter	Solenoid switch	D SM3D 2
+H	-S121	8.9	0920-5981	Magnetschalter-Halter	solenoid switch holder	DSM Ø 5-10
+H	-S121	8.9	0920-5972	Magnetschalter	Solenoid switch	D SM3D 2
+H	-S121	8.11	0920-5388	Endschalter 1s/1oe	Limit switch 1NO/1NC	SU1ZAHS
+H	-S123	8.14	0920-5388	Endschalter 1s/1oe	Limit switch 1NO/1NC	SU1ZAHS
+H	-S124	8.18	0920-5389	Endschalter 1s/1oe	Limit switch 1NO/1NC	SU1ZAHS
+H	-VY101	2.16	00155274	Diodenklemme WAGO	Diodeclamp	Un 250V,Urm 1000V,1,5A
+K	-F110	9.9	0920-5406	Druckschalter	Pressure switch	100kPa 602-2 1/4"Au
+K	-F110	9.9	0920-5413	Druckschalter-Schutzhaube	pressure switch protective h	Pg9 zu Typ 602
+K	-F111	9.9	0920-5406	Druckschalter	Pressure switch	100kPa 602-2 1/4"Au
+K	-F111	9.9	0920-5413	Druckschalter-Schutzhaube	pressure switch protective h	Pg9 zu Typ 602
+K	-F112	9.13	0920-5408	Druckschalter	Pressure switch	200kPa 602-10 1/4"Au
+K	-F112	9.13	0920-5413	Druckschalter-Schutzhaube	pressure switch protective h	Pg9 zu Typ 602
+K	-F113	9.17	0920-5408	Druckschalter	Pressure switch	200kPa 602-10 1/4"Au
+K	-F113	9.17	0920-5413	Druckschalter-Schutzhaube	pressure switch protective h	Pg9 zu Typ 602
+K	-M150	4.3	1890-2098	Getriebe-Motor	Gear motor	3*230V 50Hz 90W
+K	-M150	4.3	10148621	Getriebe-Motor	Gear motor	3*230V 50Hz 70W FGA103
+K	-M150/F150	4.5				
+SA	-A10	14.3	1846-0058	SCU-Basis-I/O Modul V1.2	SCU-Basis-I/O Modul V1.2	SCU-Basic-I/O modul V1.2
+SA	-A22	15.4	1846-0029	SCU-DIGIN32 Modul	SCU-DIGIN32 Modul	
+SA	-A23	15.14	1846-0025	SCU-DIGIN16/OUT16 Stapelmodu	SCU-DIGIN16/OUT16 Stapelmodu	SCU-DIGIN16/DIGOUT16 Modul
+SA	-E100	10.9	10030963	Mech.Sperrglied m.Hilfssch.20	Interlocking 2NC	3RA1924-2B
+SA	-E100	10.9	10030964	Bausatz für Wendekombination	Assembly kit f.contactor rev	3RA1923-2A
+SA	-F101	2.9	1800-4226	Sicherungs-Automat	Automatic circuit breaker	5SX2 332-7 32A 415V C
+SA	-F101	2.9	1800-3421	Hilfskontakt 1s/1oe	Auxiliary contact 1NO/1NC	5SX 9100
+SA	-K2	10.19	0920-5937	Relais Ag	Relay Ag	4052 9024 5000 24V= Ag 2Uk
+SA	-K2	10.19	0920-5938	Stecksockel	Socket	95.75 8p f. Modul
+SA	-K55	11.3	0920-5937	Relais Ag	Relay Ag	4052 9024 5000 24V= Ag 2Uk
+SA	-K55	11.3	0920-5938	Stecksockel	Socket	95.75 8p f. Modul

0011560	- G-Liste	Geräteliste Apparatus list	de/en language	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34			Schema G33/K44 Logistik ROBOload	total: 3
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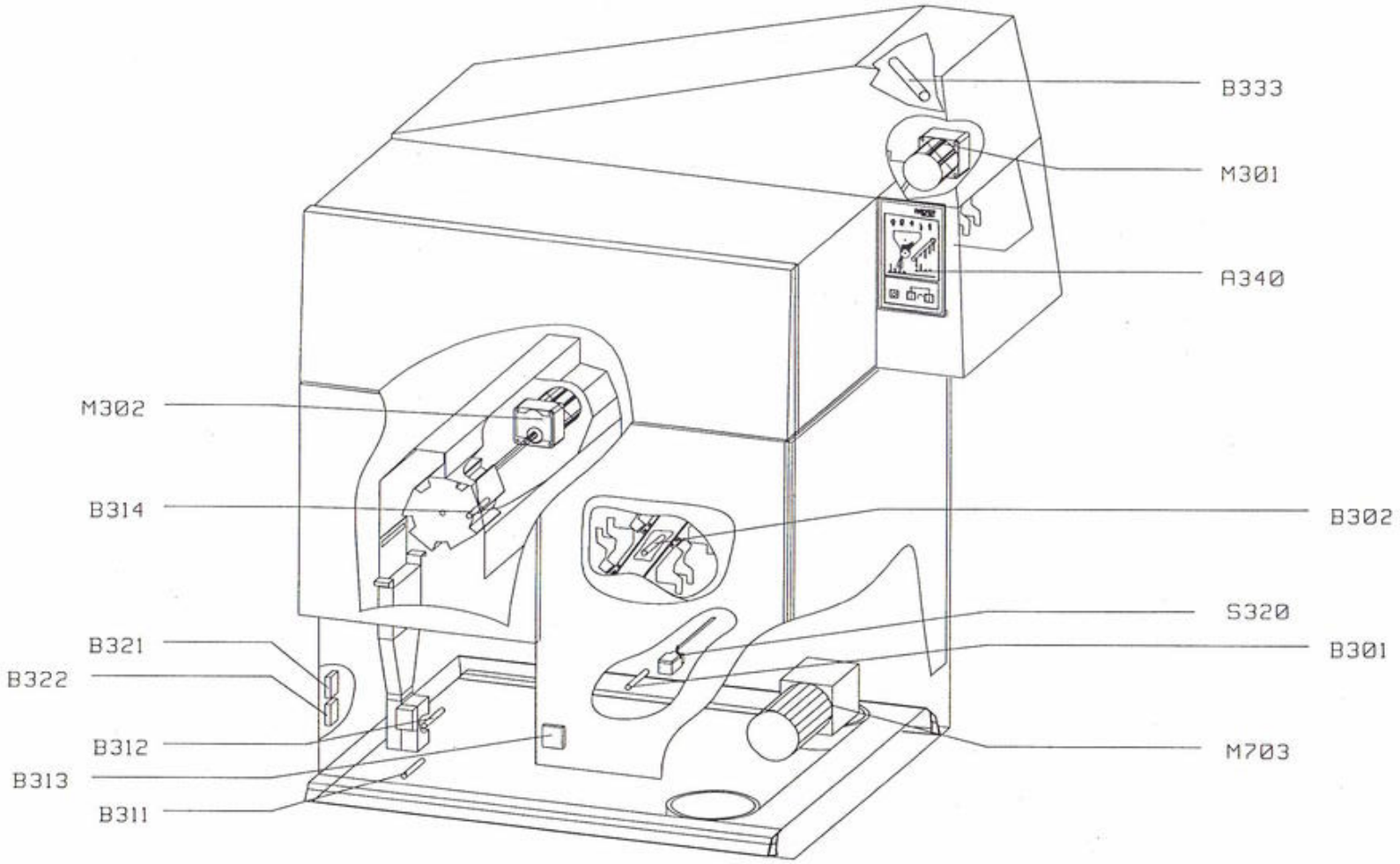
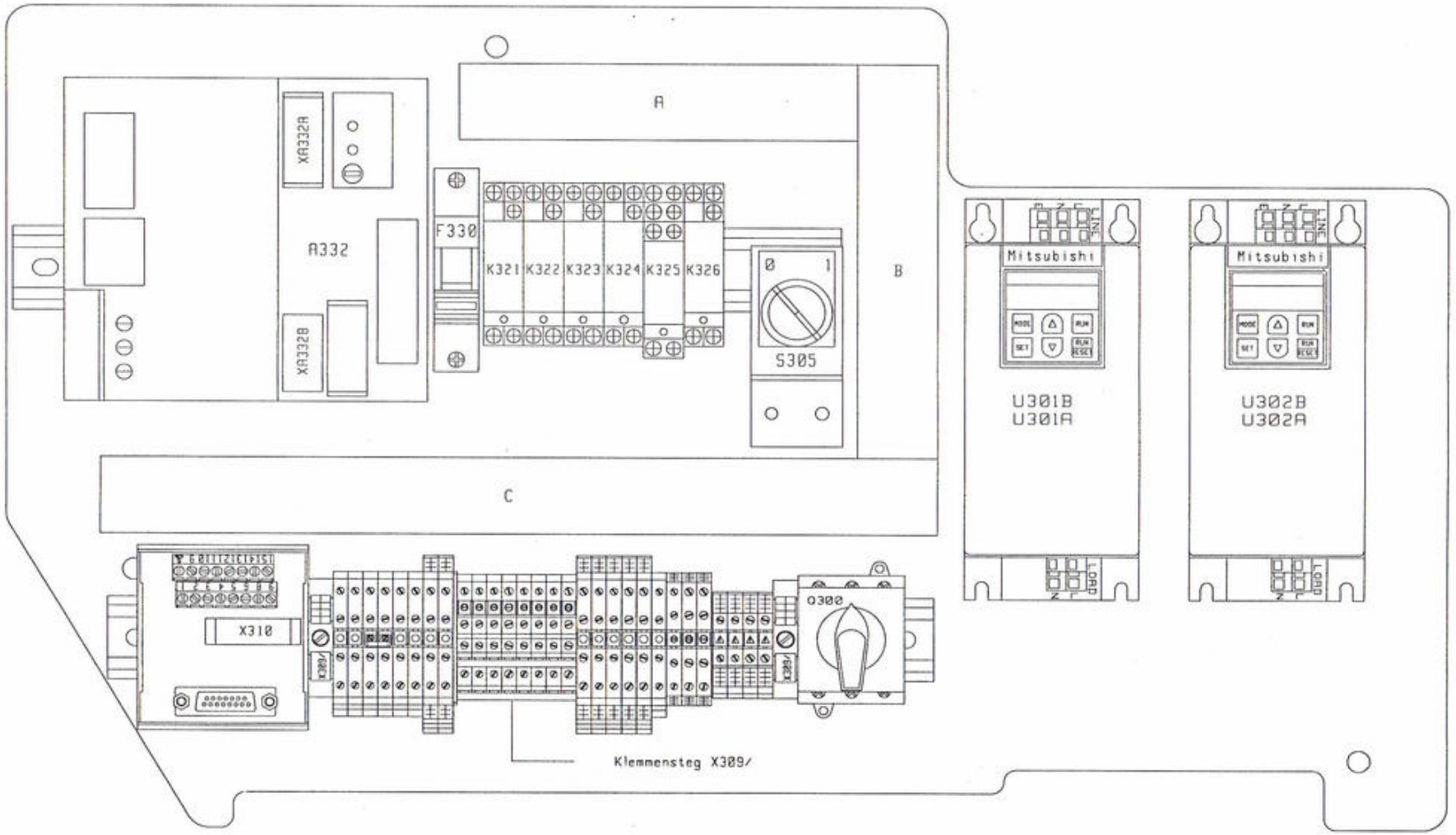
exchange for	place:		deportm.	release date	designer	approved by	version	

Ort Place	BMK	Blatt Page	Material	Bezeichnung	Description	Typ Type
+SA	-K101	10.7	10037281	Schuetz 5.5kW	contactor	3RT1024-1BB40 5.5kW/12A
+SA	-K102	10.11	10037281	Schuetz 5.5kW	contactor	3RT1024-1BB40 5.5kW/12A
+SA	-K150	5.3	0920-5935	Relais Ag	Relay Ag	24V= Ag 1Uk 1f
+SA	-K150	5.3	0920-5936	Stecksockel	Socket	5p f. Modul
+SA	-K151	5.6	0920-5935	Relais Ag	Relay Ag	24V= Ag 1Uk 1f
+SA	-K151	5.6	0920-5936	Stecksockel	Socket	5p f. Modul
+SA	-K712	13.18	0920-5935	Relais Ag	Relay Ag	24V= Ag 1Uk 1f
+SA	-K712	13.18	0920-5936	Stecksockel	Socket	5p f. Modul
+SA	-V2	10.20	0920-5939	Stecksockel-Modul	Socket-Modul	6-24V= Diode 99.01.3024
+SA	-V55	11.4	0920-5939	Stecksockel-Modul	Socket-Modul	6-24V= Diode 99.01.3024
+SA	-V101	10.6	0920-0607	Varistor 24-70VDC/24-48VAC	Varistor	3RT1926-1BB00
+SA	-V102	10.12	0920-0607	Varistor 24-70VDC/24-48VAC	Varistor	3RT1926-1BB00
+SA	-V150	5.4	0920-5939	Stecksockel-Modul	Socket-Modul	6-24V= Diode 99.01.3024
+SA	-V151	5.7	0920-5939	Stecksockel-Modul	Socket-Modul	6-24V= Diode 99.01.3024
+SA	-V712	13.19	0920-5939	Stecksockel-Modul	Socket-Modul	6-24V= Diode 99.01.3024



B35-011	- RLD	Gerätedisposition ROBOload	de/en	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34				Schema ROBOload G33/K44	total: 15
roject file	plant:		language						
	+ SA		GTE	2002-08-12	Reppel	Reppel	5	1835-0110	next: 2
exchange for	place:		deparim.	release date	designer	approved by	version		sheet: 1



835-011	- RLD	Disposition Geräteplatte	de/en	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34				Schema ROBOload G33/K44	total: 15
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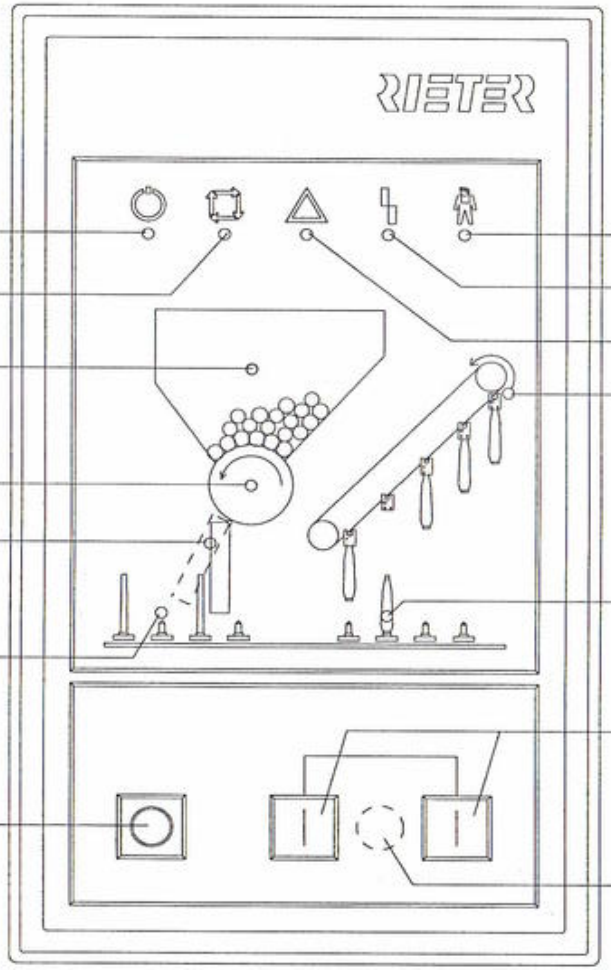
	+ SA		GTE	2002-08-12	Reppel	Reppel	5	1835-0110	sheet: 2
n exchange for	place:		departm.	release date	designer	approved by	version		



ROBOload ein
ROBOload on

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ROBOload operating

Magazin leer
Magazine empty

Hülsentrommel blockiert
Tube drum blocked

Ladeschacht gestört
Loading shaft malfunction

Hülse nicht auf Pegtray vorhanden
No tube on pegtray

Stopp ROBOload
Stop ROBOload

ROBOload Störung Unterhalt
ROBOload maintenance malfunction

ROBOload gestört
ROBOload malfunction

unbenutzt
unused

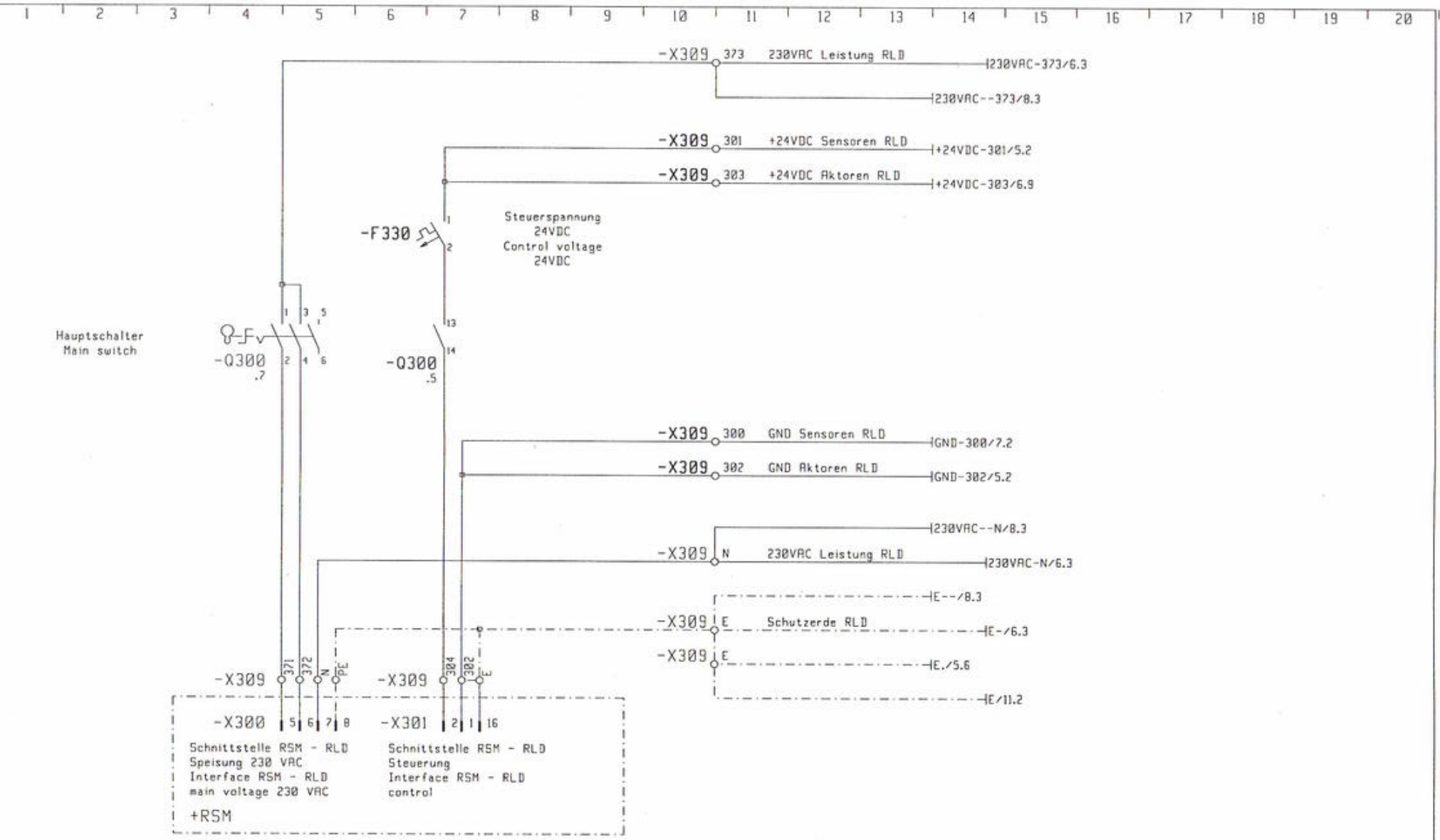
Abtransportantrieb gestört
Conveyor drive malfunction

Kops nicht abgezogen
Cop not removed

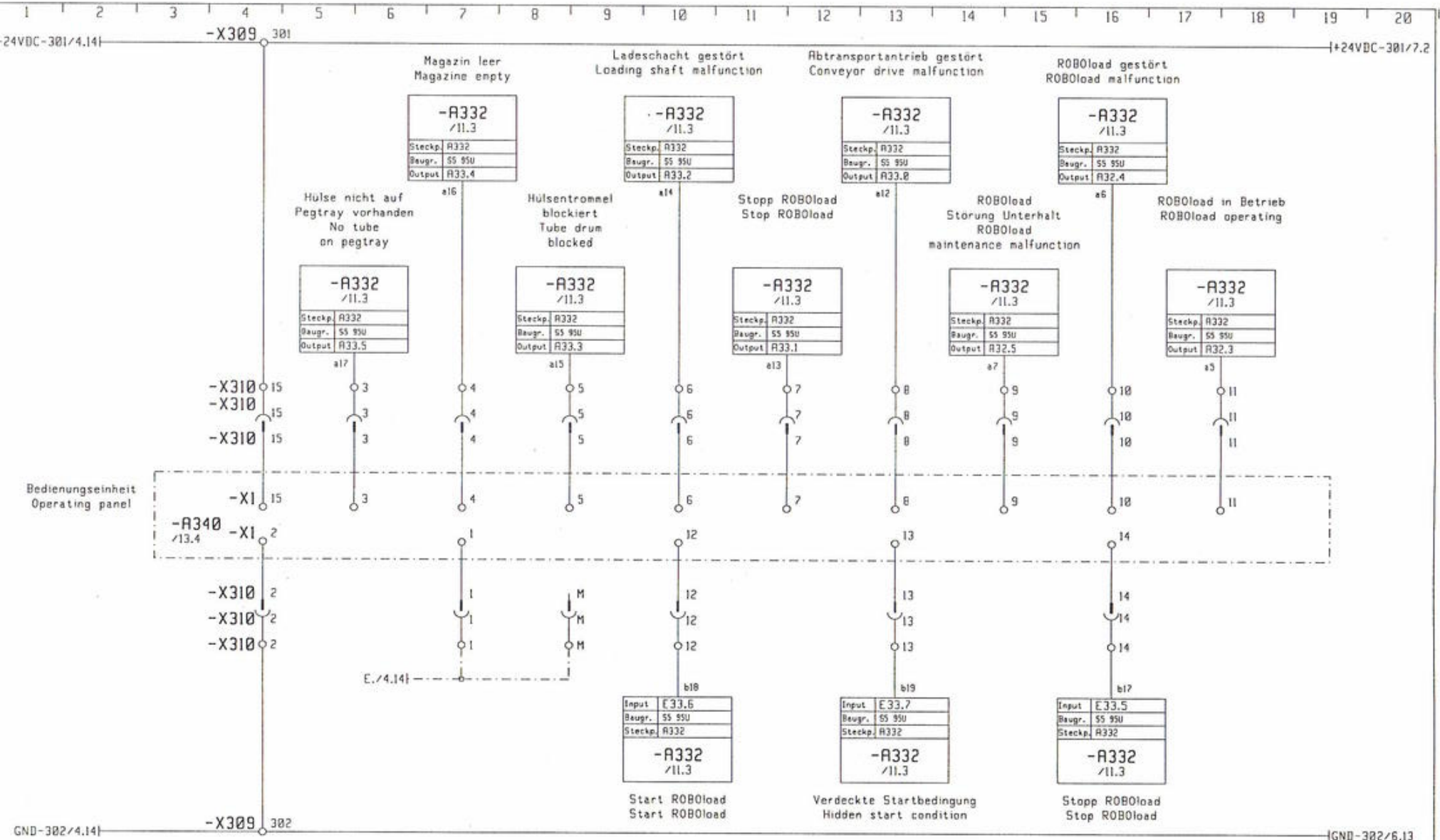
Start ROBOload
Start ROBOload

Verdeckte Startbedingung
Hidden start condition

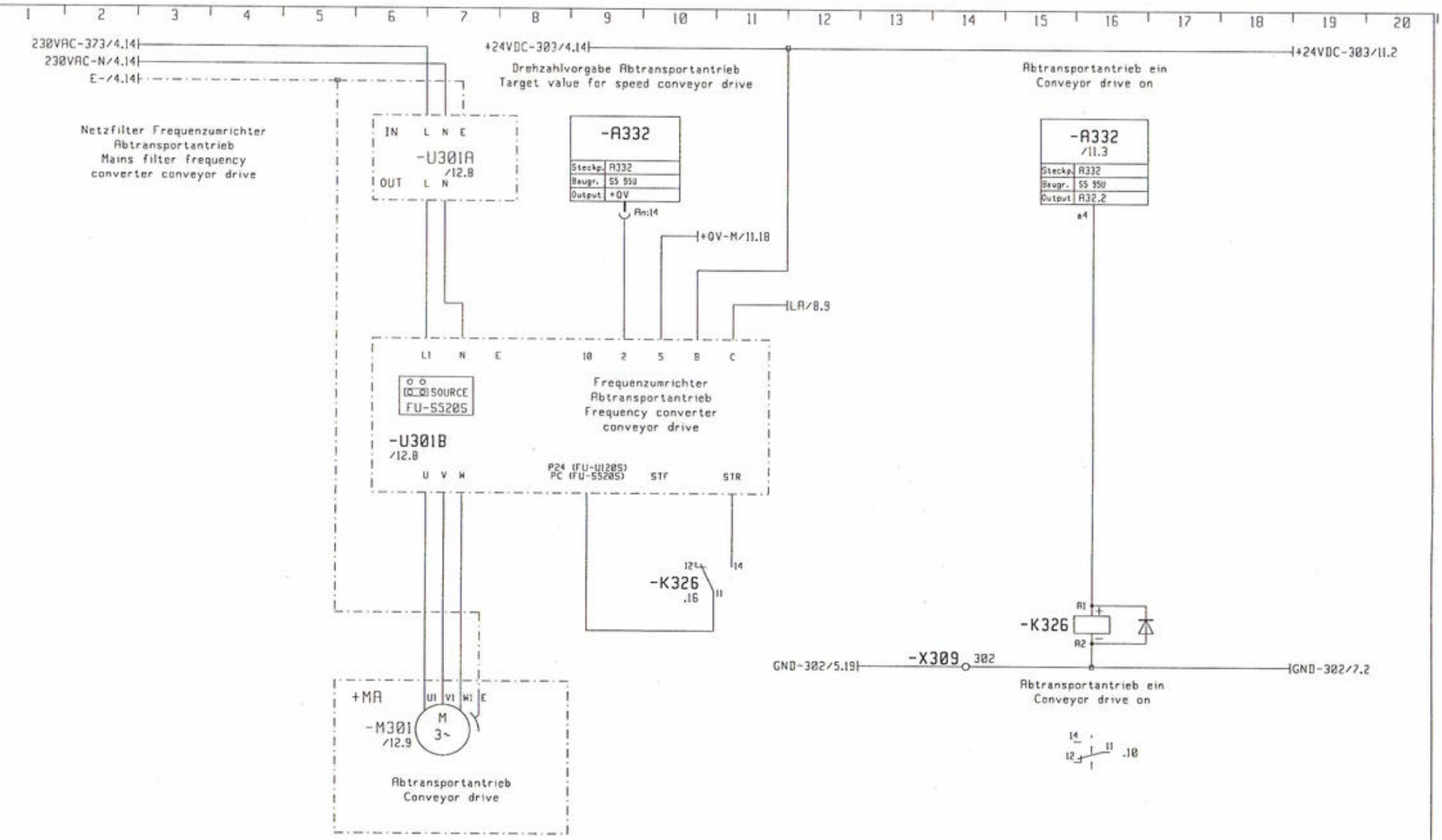
835-011	- RLD	Übersicht Bedienungseinheit	de/en	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Reier to DIN 34			Schema ROBOload G33/K44		
Project file	plant:		language					total:	15
	+ SA		GTE	2002-08-12	Reppel	Reppel	5	1835-0110	next: 4
n exchange for	place:		departm.	release date	designer	approved by	version		sheet: 3



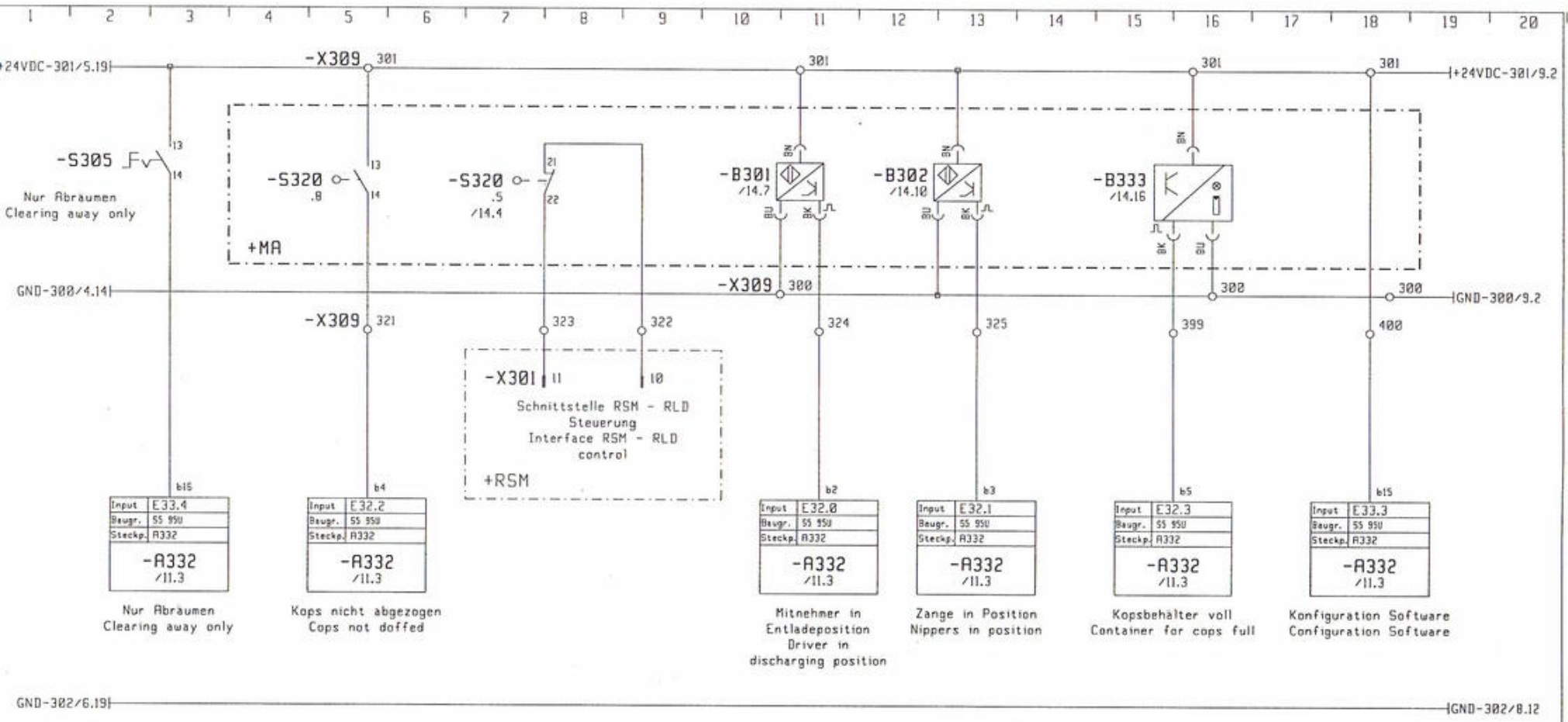
1835-011	- RLD	Einspeisung 230VAC und 24VDC	de/en	RIETER Maschinenfabrik Rieter AG			Schema ROBOload G33/K44		
Project file	plant:		language	Schutzvermerk nach DIN 34 beachten/Refer to DIN 34				total:	15
	+ SA	Stromlaufplan	GTE	2002-08-12	Reppel	Reppel	5		
n exchange for	place:		departm.	release date	designer	approved by	version	1835-0110	next: 5
									sheet: 4



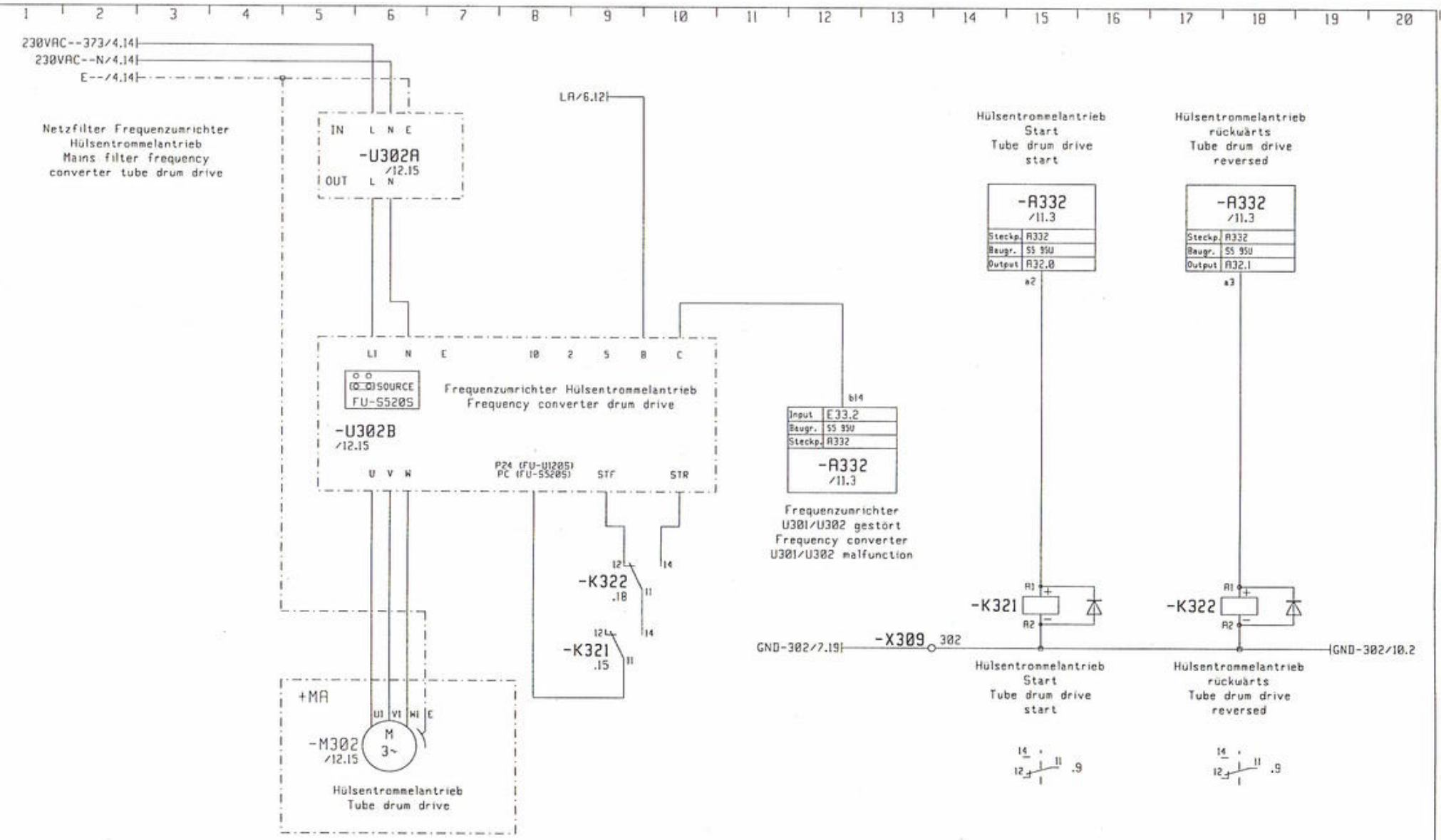
835-011	- RLD	Bedienung und Blindschaltbild	de/en	RIETER Maschinenfabrik Rieter AG				Schema ROBOload G33/K44	
Project file	plant:		language	Schutzvermerk nach DIN 34 beachten/Refer to DIN 34					total: 15
	+ SA	Stromlaufplan	GTE	2002-08-12	Reppel	Reppel	5	1835-0110	next: 6
n exchange for	place:		departm.	release date	designer	approved by	version		sheet: 5



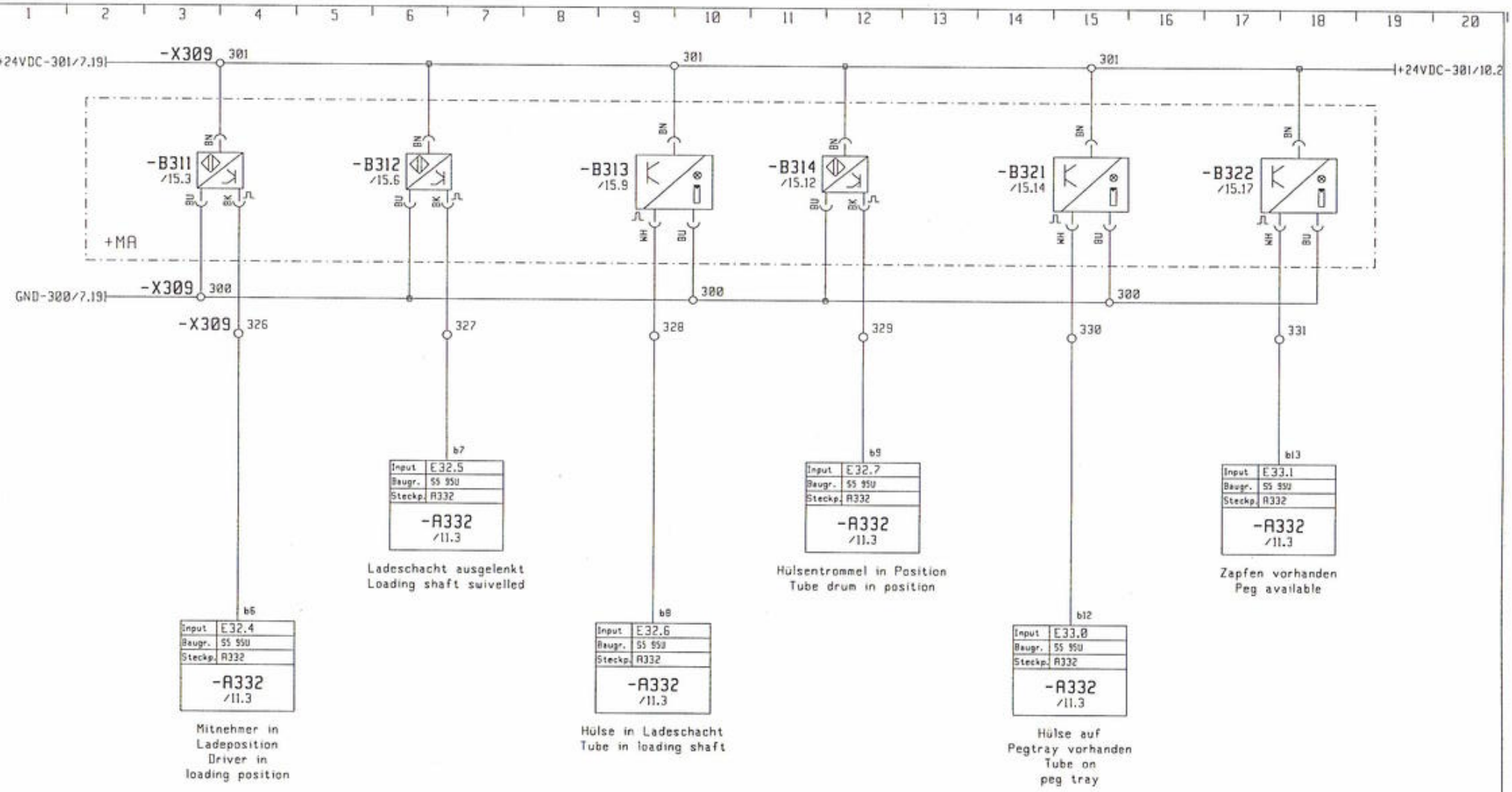
835-011	- RLD	Abtransportantrieb	de/en	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34				Schema ROBOload G33/K44	total: 15
Project file	plant:		language						
	+ SA	Stromlaufplan	GTE	2002-08-12	Reppel	Reppel	5	1835-0110	next: 7
n exchange for	place:		departm.	release date	designer	approved by	version		sheet: 6



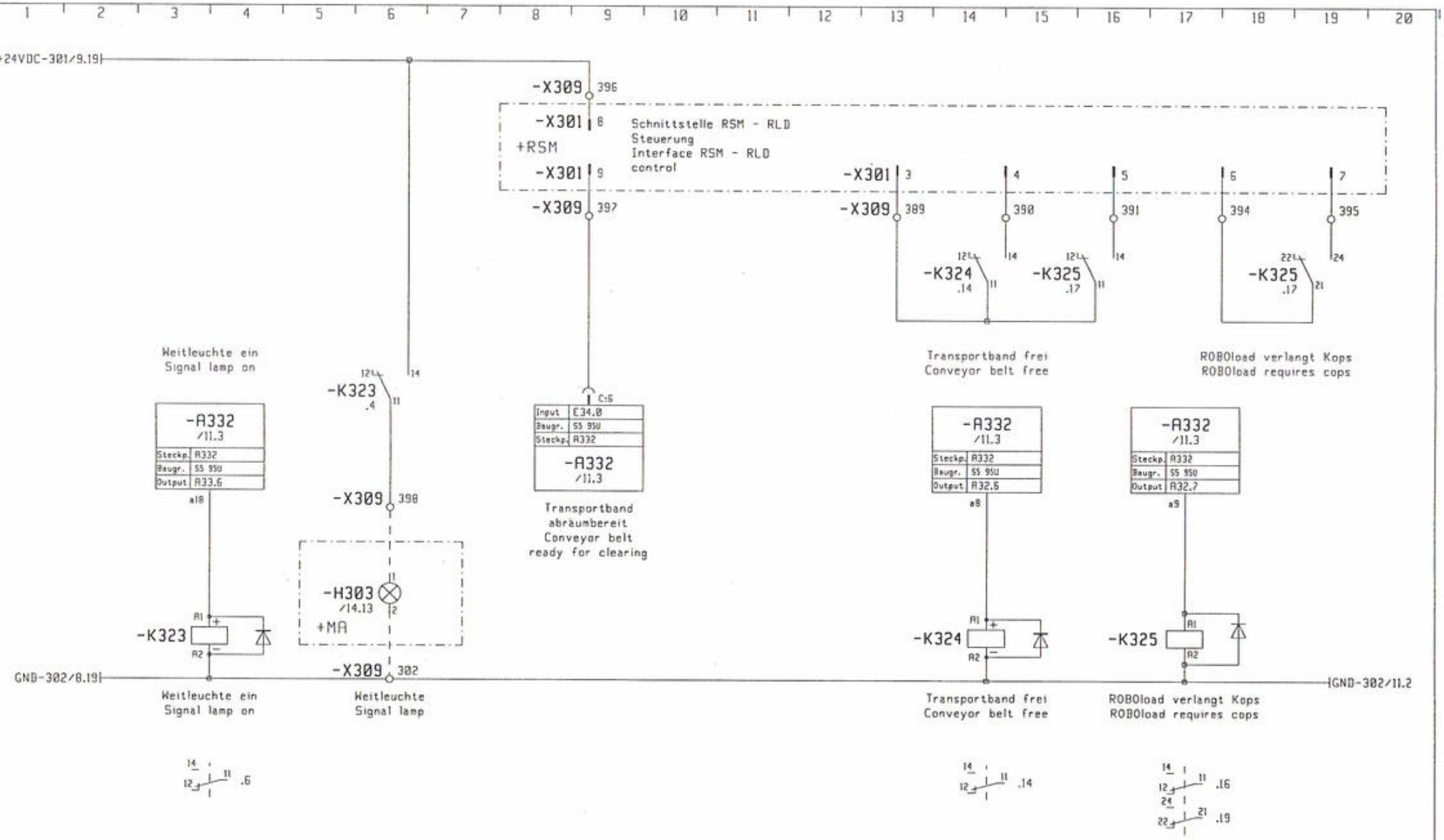
1835-011	= RLD	Sensorik Abnahmestation	de/en	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34				Schema ROBOload G33/K44	
Project file	plant:		language						total: 15
	+ SA	Stromlaufplan	GTE	2002-08-12	Reppel	Reppel	5	1835-0110	next: 8
in exchange for	place:		departm.	release date	designer	approved by	version		sheet: 7



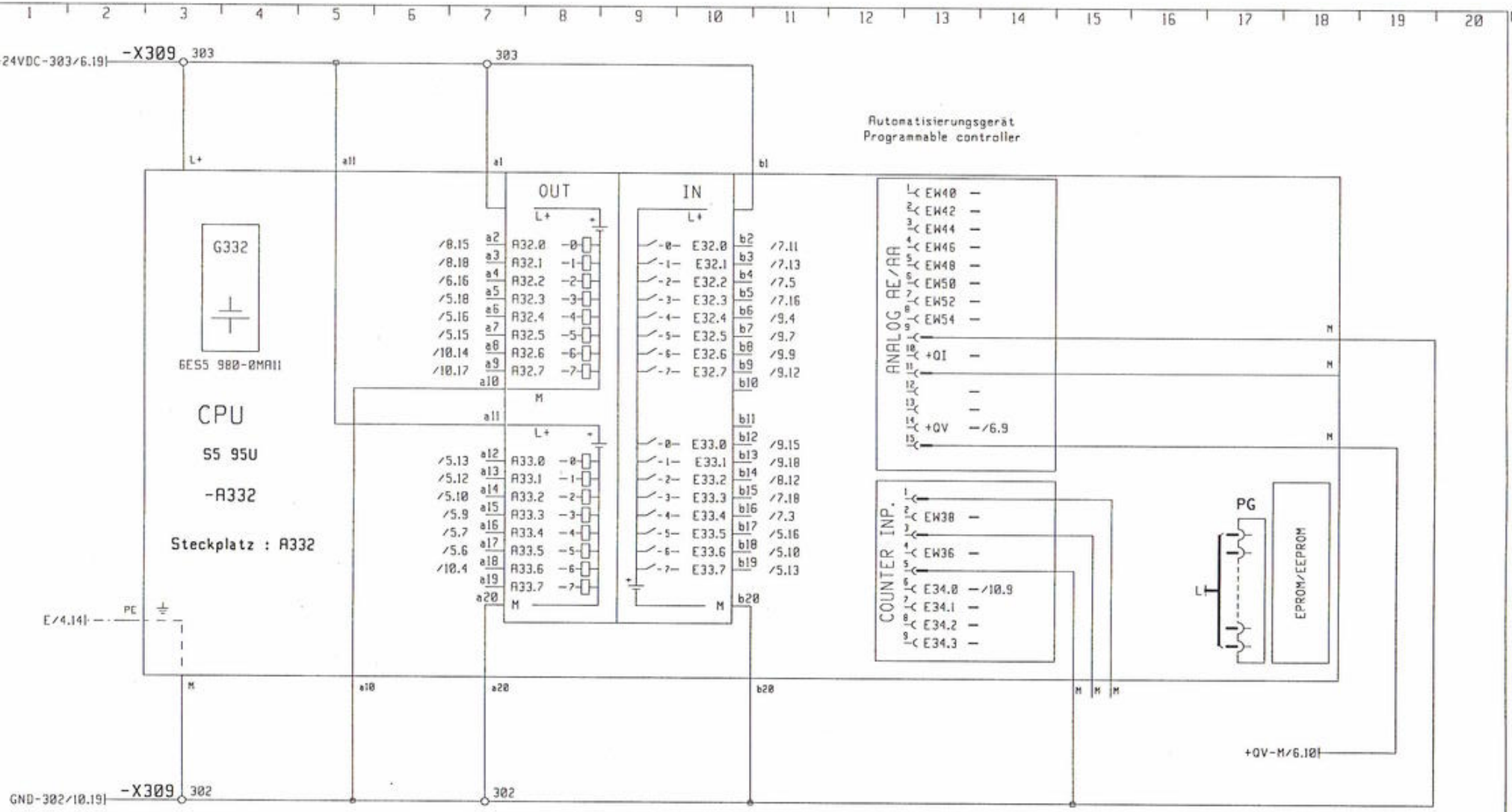
835-011	- RLD	Antrieb Ladestation	de/en	RIETER Maschinenfabrik Rieter AG			Schema ROBOload G33/K44		
Project file	plant:		language	Schutzvermerk nach DIN 34 beachten/Refer to DIN 34				total:	15
	+ SA	Stromlaufplan	GTE	2002-08-12	Reppel	Reppel	5	1835-0110	next:	9
n exchange for	place:		deparim.	release date	designer	approved by	version		sheet:	8



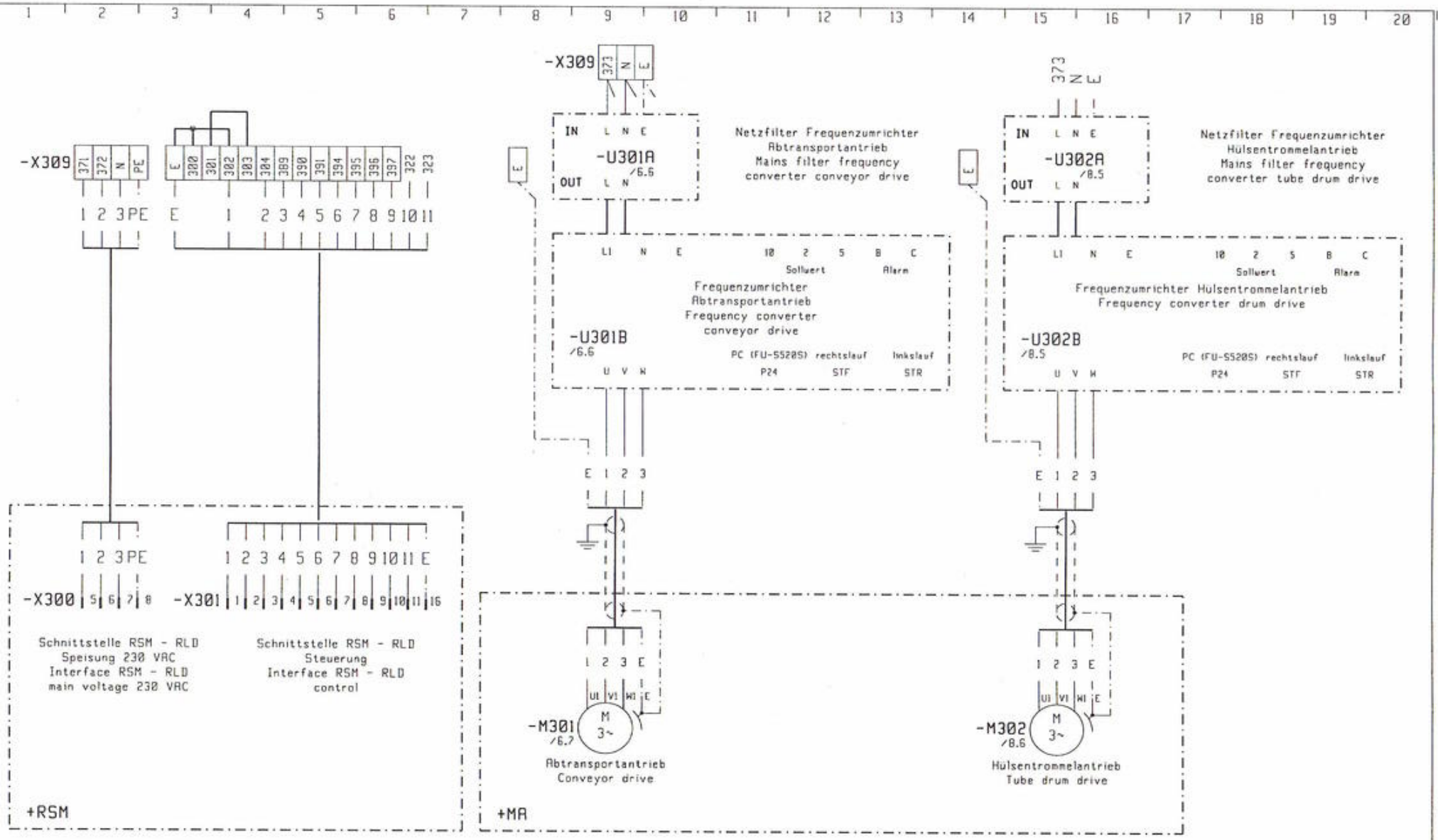
1835-011	= RLD	Sensorik Ladestation	de/en	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34				Schema ROBOload G33/K44	total: 15
Project file	plant:		language						
	+ SA	Stromlaufplan	GTE	2002-08-12	Reppel	Reppel	5	1835-0110	next: 10
n exchange for	place:		departm.	release date	designer	approved by	version		sheet: 9



1835-011	= RLD	Schnittstelle ROBOload - RSM	de/en	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34			Schema ROBOload G33/K44		
Project file	plant:		language					total:	15
	+ SA	Stromlaufplan	GTE	2002-08-12	Reppel	Reppel	5	1835-0110	next: 11
n exchange for	place:		departm.	release date	designer	approved by	version		sheet: 10

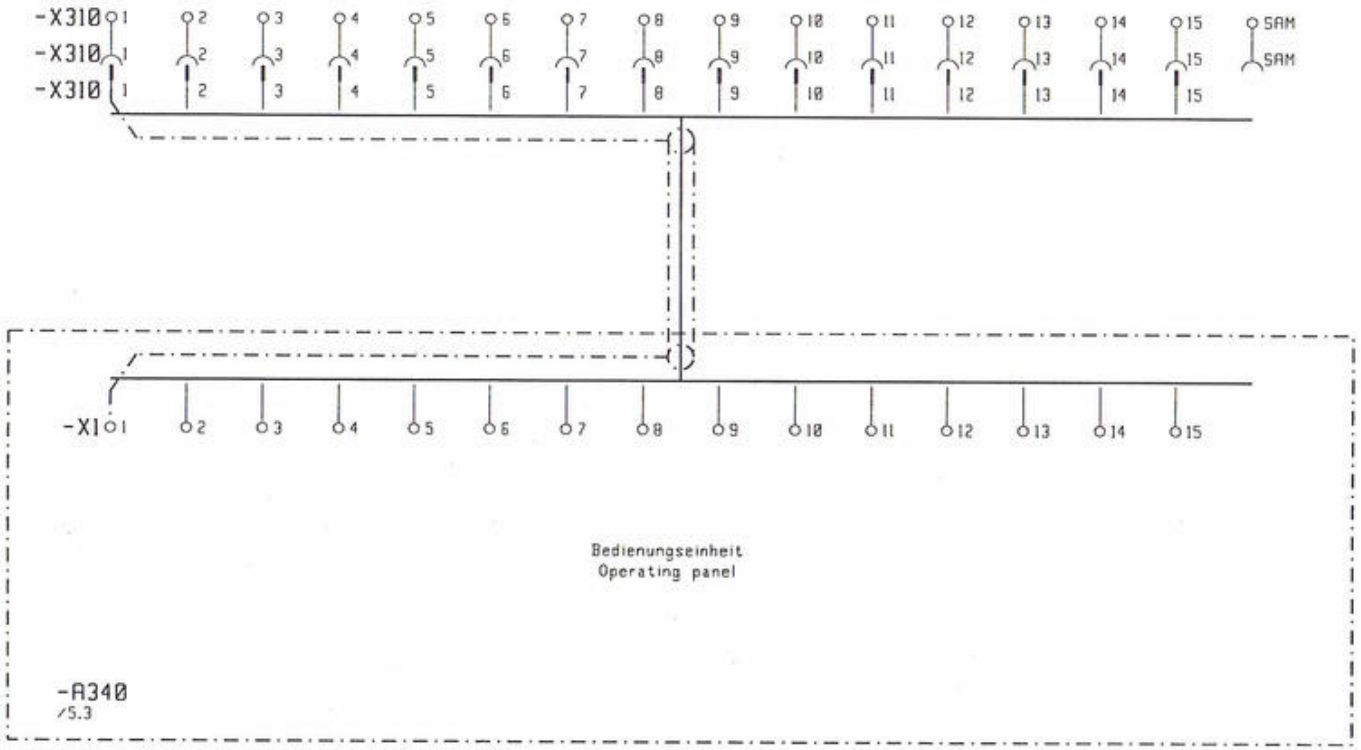


1835-011	= RLD	Anschlussübersicht SPS A332	de/en	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34			Schema ROBOload G33/K44		
Project file	plant:		language						total: 15
	+ SA	Stromlaufplan	GTE	2002-08-12	Reppel	Reppel	5	1835-0110	next: 12
in exchange for	place:		departm.	release date	designer	approved by	version		sheet: 11

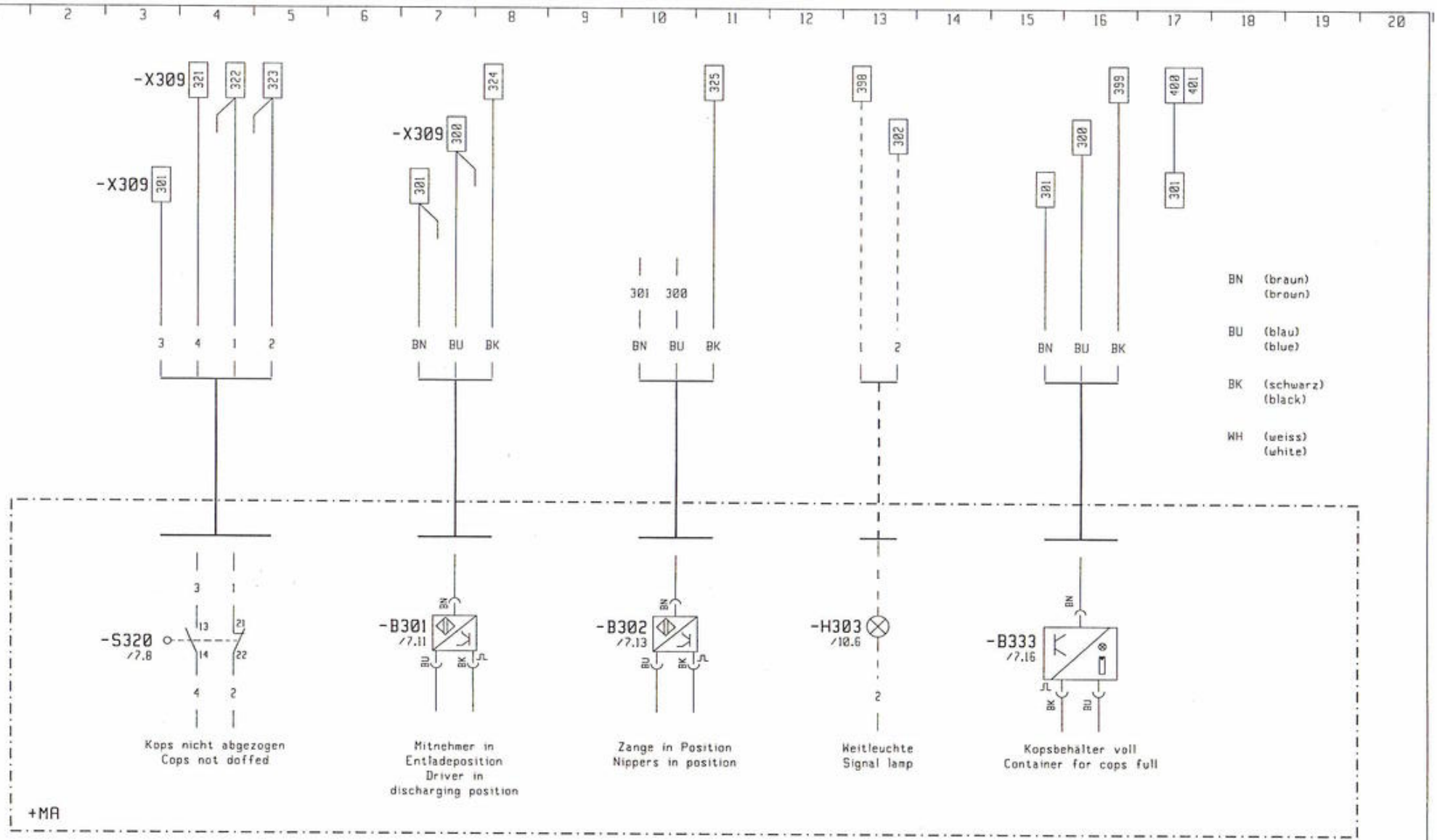


1835-011	= RLD	Einspeisung und Hauptantriebe	de/en	RIETER Maschinenfabrik Rieter AG			Schema ROBOload G33/K44		
Project file	plant:		language	Schutzvermerk nach DIN 34 beachten/Refer to DIN 34				total:	15
	+ SA	Anschlussplan	GTE	2002-08-12	Reppel	Reppel	5	1835-0110	next:	13
n exchange for	place:		departm.	release date	designer	approved by	version		sheet:	12

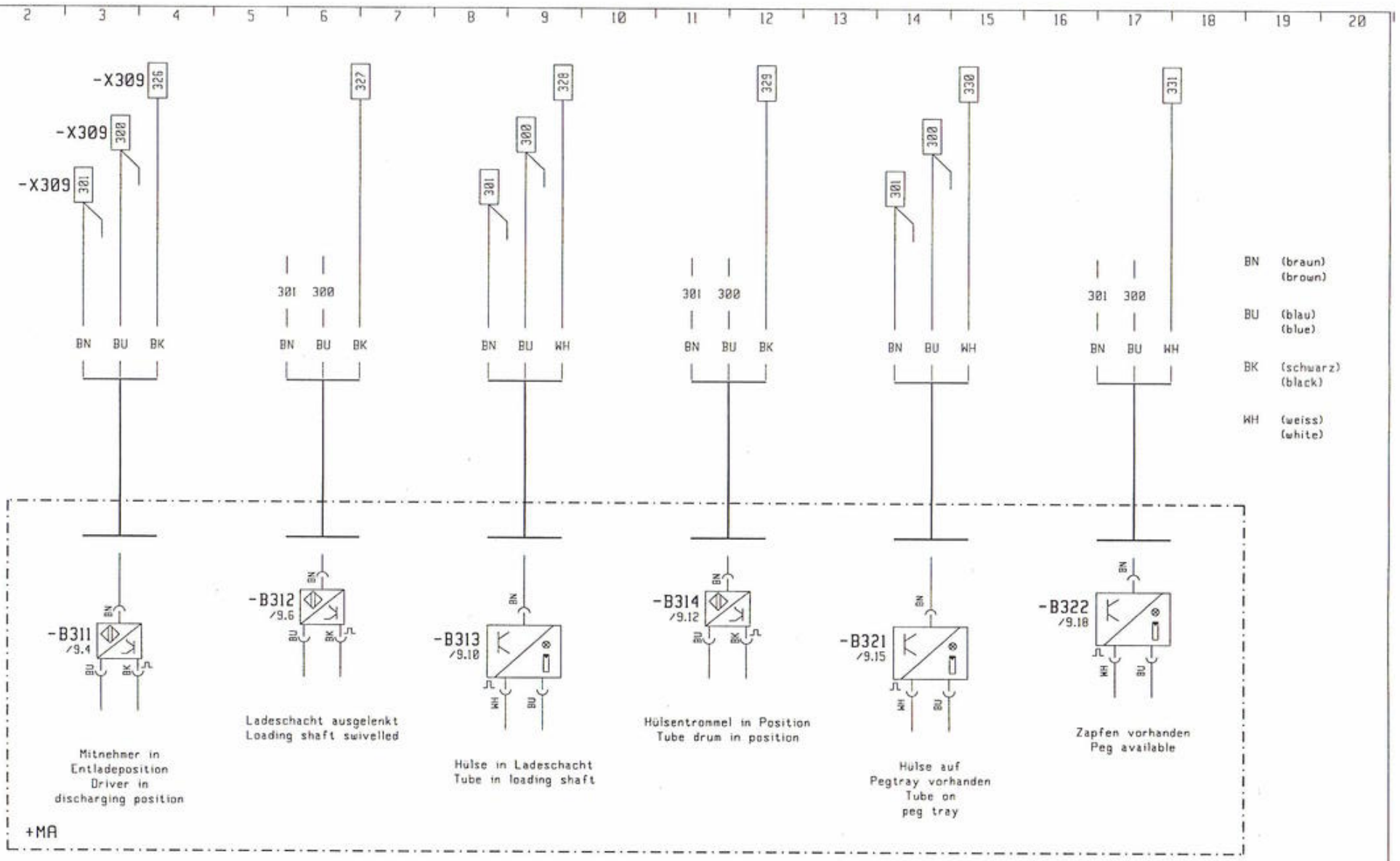
Übergabemodul Bedienungseinheit
Transfer module operating panel



635-011	= RLO	Bedienung und Blindschaltbild	de/en	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34				Schema ROBOload G33/K44	total: 15
Project file	plant:		language						
	+ SA	Anschlussplan	GTE	2002-08-12	Reppel	Reppel	5	1835-0110	next: 14
n exchange for	place:		departm.	release date	designer	approved by	version		sheet: 13



1835-011	- RLD	Sensorik Abnahmestation	de/en	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34			Schema ROBOload G33/K44		
Project file	plant:		language					total:	15
	+ SA	Anschlussplan	GTE	2002-08-12	Reppel	Reppel	5	1835-0110	next: 15
n exchange for	place:		departm.	release date	designer	approved by	version		sheet: 14



1835-011	- RLD	Sensorik Ladestation	de/en	RIETER Maschinenfabrik Rieter AG				Schema ROBOload G33/K44	total: 15
Project file	plant:		language	Schutzvermerk nach DIN 34 beachten/Refer to DIN 34					
	+ SR	Anschlussplan	GTE	2002-08-12	Reppel	Reppel	5	1835-0110	next:
n exchange for:	place:		departm.	release date	designer	approved by	version		sheet: 15

Nr. Typ Querschn. Kabel	Aderbe-zeichnung

Anschlußleiste =RLD+RSM-X300

von =Anlage+Ort-BMK:Anschl	Quer-verweis		Klemmen-Nr.	nach =Anlage+Ort-BMK:Anschl
	4.5	⊙	5	+SA-X309:371
	12.2	⊙	5	
	4.5	⊙	6	+SA-X309:372
	12.2	⊙	6	
	4.5	⊙	7	+SA-X309:N
	12.2	⊙	7	
	4.5	⊙	8	+SA-X309:PE
	12.3	⊙	8	

Aderbe-zeichnung	Nr. Typ Querschn. Kabel

Bemerkung
Identnummer

1835-011	= K-Plan	=RLD+RSM-X300	de/en	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34				Schema ROBOload G33/K44	
Project file	plant:		language						total: 12
	+ RSM	Zusatz 1	GTE	2002-08-12	Reppel	Reppel	5	1835-0110	next: 1
in exchange for	place:		departm.	release date	designer	approved by	version		sheet: 0

Anschlußleiste =RLD+RSM-X30

von =Anlage+Ort-BMK:Anschl	Quer-verweis		Klemmen-Nr.	nach =Anlage+Ort-BMK:Anschl
	4.7	⊗	1	+SA-X309:302
	12.4	⊗	1	
	4.7	⊗	2	+SA-X309:304
	12.4	⊗	2	
	10.13	⊗	3	+SA-X309:389
	12.4	⊗	3	
	10.15	⊗	4	+SA-X309:390
	12.5	⊗	4	
	10.16	⊗	5	+SA-X309:391
	12.5	⊗	5	
	10.18	⊗	6	+SA-X309:394
	12.5	⊗	6	
	10.19	⊗	7	+SA-X309:395
	12.5	⊗	7	
	10.9	⊗	8	+SA-X309:396
	12.6	⊗	8	
	10.9	⊗	9	+SA-X309:397
	12.6	⊗	9	
	7.9	⊗	10	+SA-X309:322
	12.6	⊗	10	
	7.8	⊗	11	+SA-X309:323
	12.6	⊗	11	
	4.7	⊗	16	+SA-X309:E
	12.7	⊗	16	

Nr. Typ Querschn. Kabel	Aderbe-zeichnung

Bemerkung

Identnummer

35-011	= K-Plan	=RLD+RSM-X301	de/en	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34	Schema ROBOload G33/K44
oject file	plant:		language		total: 12
	+ RSM	Zusatz 1	GTE	2002-08-12 / Reppel / Reppel / 5	1835-0110 / next: 2
exchange for	place:		departm.	release date / designer / approved by / version	sheet: 1

*	Nr. Typ Querschn. Kabel	Aderbe-zeichnung

Anschlußleiste =RLD+SA-=RLD+X315

von =Anlage+Ort-BMK:Anschl	Quer-verweis		Klemmen-Nr.	nach =Anlage+Ort-BMK:Anschl
	13.16	o	15	
		o		
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Aderbe-zeichnung	Nr. Typ Querschn. Kabel	*

Bemerkung
Identnummer

35-011	= K-Plan	=RLD+SA-=RLD+X315	de/en	RIETER	Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34			Schema ROBOload G33/K44	total: 12
oject file	plant:		language						next: 3
	+ SA	Zusatz 1	GTE	2002-08-12	Reppel	Reppel	5	1835-0110	sheet: 2
exchange for	place:		departm.	release date	designer	approved by	version		

*	Nr. Typ Querschn. Kabel	Aderbe-zeichnung

Anschlußleiste =RLD+SA-X1

von	Quer-verweis		Klemmen-Nr.	nach
=Anlage+Ort-BMK:Anschl				=Anlage+Ort-BMK:Anschl
	5.7	⊛	1	-X310:1
	13.5	⊛	1	
	5.4	⊛	2	-X310:2
	13.6	⊛	2	
-X310:3	5.6	⊛	3	
	13.7	⊛	3	
-X310:4	5.7	⊛	4	
	13.7	⊛	4	
-X310:5	5.9	⊛	5	
	13.8	⊛	5	
-X310:6	5.10	⊛	6	
	13.9	⊛	6	
-X310:7	5.12	⊛	7	
	13.10	⊛	7	
-X310:8	5.13	⊛	8	
	13.10	⊛	8	
-X310:9	5.15	⊛	9	
	13.11	⊛	9	
-X310:10	5.16	⊛	10	
	13.12	⊛	10	
-X310:11	5.18	⊛	11	
	13.13	⊛	11	
	5.10	⊛	12	-X310:12
	13.13	⊛	12	
	5.13	⊛	13	-X310:13
	13.14	⊛	13	
	5.16	⊛	14	-X310:14
	13.15	⊛	14	
-X310:15	5.4	⊛	15	
	13.16	⊛	15	
		○		
		○		
		○		
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Aderbe-zeichnung	Nr. Typ Querschn. Kabel	*

Bemerkung

Identnummer

35-011	= K-Plan	=RLD+SA-X1	de/en	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34		Schema ROBOload G33/K44	total: 12
oject file	plant:		language				
	+ SA	Zusatz 1	GTE	2002-08-12	Reppel	Reppel 5	next: 4
exchange for	place:		departm.	release date	designer	approved by version	1835-0110 sheet: 3

*	Nr. Typ Querschn. Kabel	Aderbe-zeichnung

Anschlußleiste =RLD+SA-X309

von	Quer-verweis		Klemmen-Nr.	nach
=Anlage+Ort-BMK:Anschl				=Anlage+Ort-BMK:Anschl
	4.7	⊛	E	+RSM-X301:16
+MA-M301:E	4.11	⊛	E	+MA-M302:E
-A332:PE	4.11	⊛	E	-X310:1
	12.3	⊛	E	
	12.8	⊛	E	
	12.10	⊛	E	
	12.14	⊛	E	
	4.5	⊛	N	+RSM-X300:7
-U302A:N	4.11	⊛	N	-U301A:N
	12.2	⊛	N	
	12.9	⊛	N	
	4.5	⊛	PE	+RSM-X300:8
	12.3	⊛	PE	
	4.11	⊛	300	
+MA-B302:BU	7.11	⊛	300	+MA-B301:BU
+MA-B333:BU	7.16	⊛	300	+MA-B302:BU
	7.18	⊛	300	
+MA-B312:BU	9.3	⊛	300	+MA-B311:BU
+MA-B314:BU	9.10	⊛	300	+MA-B313:BU
		⊛		+MA-B312:BU
+MA-B322:BU	9.15	⊛	300	+MA-B321:BU
		⊛		+MA-B314:BU
	12.3	⊛	300	
	14.7	⊛	300	
	14.16	⊛	300	
	15.3	⊛	300	
	15.9	⊛	300	
	15.14	⊛	300	
-F330:1	4.11	⊛	301	
-X310:15	5.4	⊛	301	-S305:13
-S305:13	7.5	⊛	301	+MA-S320:13
+MA-B302:BN	7.11	⊛	301	+MA-B301:BN
+MA-B333:BN	7.16	⊛	301	+MA-B302:BN
	7.18	⊛	301	
+MA-B312:BN	9.4	⊛	301	+MA-B311:BN
+MA-B314:BN	9.10	⊛	301	+MA-B312:BN
		○		+MA-B313:BN
		○		
		○		

Aderbe-zeichnung	Nr. Typ Querschn. Kabel	*

Bemerkung

Identnummer

35-011	- K-Plan	=RLD+SA-X309	de/en	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Reier to DIN 34	Schema ROBOload G33/K44	
oject file	plant:		language			total: 12
	+ SA	Zusatz 1	GTE	2002-08-12 / Reppel / Reppel / 5	1835-0110	next: 4.1
exchange for	place:		departm.	release date / designer / approved by / version		sheet: 4

*	Nr. Typ Querschn. Kabel	Aderbe-zeichnung

Anschlußleiste =RLD+SA-X309

von	Quer-verweis		Klemmen-Nr.	nach
=Anlage+Ort-BMK:Anschl				=Anlage+Ort-BMK:Anschl
+MA-B322:BN	9.15	○	301	+MA-B314:BN
		⊛		+MA-B321:BN
	12.4	⊛	301	
	14.3	⊛	301	
	14.7	⊛	301	
	14.15	⊛	301	
	14.17	⊛	301	
	15.3	⊛	301	
	15.8	⊛	301	
	15.14	⊛	301	
	4.7	⊛	302	+RSM-X301:1
	4.11	⊛	302	
-X310:2	5.4	⊛	302	
	6.14	⊛	302	-K326:A2
-K326:A2	8.14	⊛	302	-K321:A2
-K324:A2	10.6	⊛	302	+MA-H303:2
-K323:A2		⊛		
-A332:M	11.3	⊛	302	-A332:a10
-K325:A2		⊛		
-A332:a20	11.7	⊛	302	-A332:b20
-A332:a10		⊛		
	12.4	⊛	302	
	14.13	⊛	302	
	4.11	⊛	303	-U301B:B
-U301B:B	11.3	⊛	303	-A332:a11
		⊛		-A332:L+
-A332:a11	11.7	⊛	303	-A332:a1
	12.4	⊛	303	
-Q300:14	4.7	⊛	304	+RSM-X301:2
	12.4	⊛	304	
-A332:b4	7.5	⊛	321	+MA-S320:14
	14.4	⊛	321	
+RSM-X301:10	7.9	⊛	322	+MA-S320:21
	14.4	⊛	322	
+RSM-X301:11	7.8	⊛	323	+MA-S320:22
	14.5	⊛	323	
-A332:b2	7.11	○	324	+MA-B301:BK
		○		
		○		

Aderbe-zeichnung	Nr. Typ Querschn. Kabel	*

Bemerkung
Identnummer

35-011	= K-Plan	=RLD+SA-X309	de/en	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Reter to DIN 34			Schema ROBOload G33/K44	total: 12
oject file	plant:		language					
	+ SA	Zusatz 1	GTE	2002-08-12	Reppel	Reppel	5	1835-0110	next: 4.2
exchange for	place:		departm.	release date	designer	approved by	version		sheet: 4.1

Aderbe-zeichnung	Nr. Typ Querschn. Kabel	•

Anschlußleiste =RLD+SA-X309

von				nach
=Anlage+Ort-BMK:Anschl	Quer-verweis		Klemmen-Nr.	=Anlage+Ort-BMK:Anschl
	14.8	○	324	
-A332:b3	7.13	⊛	325	+MA-B302:BK
	14.11	⊛	325	
-A332:b6	9.4	⊛	326	+MA-B311:BK
	15.4	⊛	326	
-A332:b7	9.7	⊛	327	+MA-B312:BK
	15.7	⊛	327	
-A332:b8	9.9	⊛	328	+MA-B313:WH
	15.9	⊛	328	
-A332:b9	9.12	⊛	329	+MA-B314:BK
	15.12	⊛	329	
-A332:b12	9.15	⊛	330	+MA-B321:WH
	15.15	⊛	330	
-A332:b13	9.18	⊛	331	+MA-B322:WH
	15.18	⊛	331	
-Q300:2	4.5	⊛	371	+RSM-X300:5
	12.2	⊛	371	
-Q300:4	4.5	⊛	372	+RSM-X300:6
	12.2	⊛	372	
-Q300:1	4.11	○	373	-U301A:L
		⊛		-U302A:L
	12.9	⊛	373	
-K324:11	10.13	⊛	389	+RSM-X301:3
	12.5	⊛	389	
-K324:14	10.15	⊛	390	+RSM-X301:4
	12.5	⊛	390	
-K325:14	10.16	⊛	391	+RSM-X301:5
	12.5	⊛	391	
-K325:21	10.18	⊛	394	+RSM-X301:6
	12.5	⊛	394	
-K325:24	10.19	⊛	395	+RSM-X301:7
	12.6	⊛	395	
-K323:14	10.9	⊛	396	+RSM-X301:8
	12.6	⊛	396	
-A332:C:6	10.9	⊛	397	+RSM-X301:9
	12.6	⊛	397	
-K323:11	10.6	○	398	+MA-H303:1
		○		
		○		

Aderbe-zeichnung	Nr. Typ Querschn. Kabel	•

Bemerkung

Identnummer

835-011	= K-Plan	=RLD+SA-X309	de/en	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34			Schema ROBOload G33/K44	
roject file	plant:		language					total: 12
	+ SA	Zusatz 1	GTE	2002-08-12	Reppel	Reppel	5	1835-0110 next: 4.3
exchange for	place:		departm.	release date	designer	approved by	version	sheet: 4.2

Nr. Typ Querschn. Kabel	Aderbe-zeichnung

Anschlußleiste =RLD+SA-X309

von =Anlage+Ort-BMK:Anschl	Quer-verweis		Klemmen-Nr.	nach =Anlage+Ort-BMK:Anschl
	14.13	o	398	
-A332:b5	7.16	⊙	399	+MA-B333:BK
	14.16	⊙	399	
	7.18	⊙	400	-A332:b15
	14.17	⊙	400	
	14.17	o	401	

Aderbe-zeichnung	Nr. Typ Querschn. Kabel

Bemerkung
Identnummer

1835-011 project file	- K-Plan plant:	=RLD+SA-X309	de/en language	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34	Schema ROBOload G33/K44	
exchange for	+ SA place:	Zusatz 1	GTE departm.	2002-08-12 release date; Reppel designer; Reppel approved by; 5 version	1835-0110	total: 12; next: 5; sheet: 4.3

Aderbe-zeichnung	Nr. Typ Querschn. Kabel	*

Anschlußleiste =RLD+SA-X310

von			nach
=Anlage+Ort-BMK:Anschl	Quer-verweis	Klemmen-Nr.	=Anlage+Ort-BMK:Anschl
	5.9	M	
	5.9	M	
	5.9	M	
	13.16	SAM	
	13.16	SAM	
-X1:1	5.7	1	
	5.7	1	-X309:E
	5.7	1	
	13.5	1	
	13.5	1	
	13.5	1	
	5.4	2	
	5.4	2	-X309:302
-X1:2	5.4	2	
	13.6	2	
	13.6	2	
	13.6	2	
-A332:a17	5.6	3	
	5.6	3	-X1:3
	5.6	3	
	13.7	3	
	13.7	3	
	13.7	3	
-A332:a16	5.7	4	
	5.7	4	
	5.7	4	-X1:4
	13.7	4	
	13.7	4	
	13.7	4	
	5.9	5	
-A332:a15	5.9	5	
	5.9	5	-X1:5
	13.8	5	
	13.8	5	
	13.8	5	
	5.10	6	-X1:6
	5.10	6	

Aderbe-zeichnung	Nr. Typ Querschn. Kabel	*

Bemerkung

Identnummer

835-011	= K-Plan	=RLD+SA-X310	de/en	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34		Schema ROBOload G33/K44	
roject file	plant:		language				total: 12
	+ SA	Zusatz 1	GTE	2002-08-12	Reppel	Reppel 5	1835-0110 next: 5.1
exchange for	place:		deparim.	release date	designer	approved by version	sheet: 5

Aderbe-zeichnung	Nr. Typ Querschn. Kabel	*

Anschlußleiste =RLD+SA-X310

von			Klemmen-Nr.	nach
=Anlage+Ort-BMK:Anschl	Querverweis			=Anlage+Ort-BMK:Anschl
-A332:a14	5.10	⊕	6	
	13.9	⊕	6	
	13.9	⊕	6	
	13.9	⊕	6	
	5.12	⊕	7	
	5.12	⊕	7	-X1:7
-A332:a13	5.12	⊕	7	
	13.10	⊕	7	
	13.10	⊕	7	
	13.10	⊕	7	
-A332:a12	5.13	⊕	8	
	5.13	⊕	8	-X1:8
	5.13	⊕	8	
	13.10	⊕	8	
	13.10	⊕	8	
	13.10	⊕	8	
	5.15	⊕	9	-X1:9
-A332:a7	5.15	⊕	9	
	5.15	⊕	9	
	13.11	⊕	9	
	13.11	⊕	9	
	13.11	⊕	9	
	5.16	⊕	10	-X1:10
	5.16	⊕	10	
-A332:a6	5.16	⊕	10	
	13.12	⊕	10	
	13.12	⊕	10	
	13.12	⊕	10	
	5.18	⊕	11	
-A332:a5	5.18	⊕	11	
	5.18	⊕	11	-X1:11
	13.13	⊕	11	
	13.13	⊕	11	
	13.13	⊕	11	
	5.10	⊕	12	-A332:b10
	5.10	⊕	12	
-X1:12	5.10	⊕	12	
		○		
		○		

Aderbe-zeichnung	Nr. Typ Querschn. Kabel	*

Bemerkung

Identnummer

835-011	= K-Plan	=RLD+SA-X310	de/en	RIETER Maschinenfabrik Rieter AG	Schema ROBOload G33/K44		total: 12
roject file	plant:		language	Schutzvermerk nach DIN 34 beachten/Refer to DIN 34			
	+ SA	Zusatz 1	GTE	2002-08-12 / Reppel / Reppel / 5	1835-0110		next: 5.2
n exchange for	place:		departm	release date / designer / approved by / version			sheet: 5.1

Anschlußleiste =RLD+SA-X310

von =Anlage+Ort-BMK:Anschl	Quer-verweis		Klemmen-Nr.	nach =Anlage+Ort-BMK:Anschl
	13.13	⊗	12	
	13.13	⊗	12	
	13.13	⊗	12	
	5.13	⊗	13	
	5.13	⊗	13	-A332:b19
-X1:13	5.13	⊗	13	
	13.14	⊗	13	
	13.14	⊗	13	
	13.14	⊗	13	
	5.16	⊗	14	-A332:b17
-X1:14	5.16	⊗	14	
	5.16	⊗	14	
	13.15	⊗	14	
	13.15	⊗	14	
	13.15	⊗	14	
	5.4	⊗	15	
-X309:301	5.4	⊗	15	
	5.4	⊗	15	-X1:15
	13.16	⊗	15	

Aderbe-zeichnung	Nr. Typ Querschn. Kabel	*

Aderbe-zeichnung	Nr. Typ Querschn. Kabel	*

Bemerkung
Identnummer

835-011	= K-Plan	=RLD+SA-X310	de/en	RIETER Maschinenfabrik Rieter AG	Schutzvermerk nach DIN 34 beachten/Refer to DIN 34	Schema ROBOload G33/K44	total: 12
Project file	plant:		language				
	+ SA	Zusatz 1	GTE	2002-08-12	Reppel	Reppel	5
n exchange for	place:		departm.	release date	designer	approved by	version
						1835-0110	next: 6
							sheet: 5.2

Nr. Typ Querschn. Kabel	Aderbe-zeichnung

Anschlußleiste =RLD+X310!-=RLD+X315

von =Anlage+Ort-BMK:Anschl	Quer-verweis		Klemmen-Nr.	nach =Anlage+Ort-BMK:Anschl
	13.16	o	15	

Aderbe-zeichnung	Nr. Typ Querschn. Kabel

Bemerkung
Identnummer

35-011	= K-Plan	=RLD+X310!-=RLD+X315	de/en	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34			Schema ROBOload G33/K44	total: 12
oject file	plant:		language					
	+ X310!	Zusatz 1	GTE	2002-08-12	Reppel	Reppel	5	1835-0110	next:
exchange for	place:		departm.	release date	designer	approved by	version		sheet: 6

Ort Place	BMK	Blatt Page	Material	Bezeichnung	Description	Typ Type
+MA	-B301	7.11	0920-2293	Initiator Sn 4	Proximity switch	IFRM 12P 1763/S1 3L 24VDC
+MA	-B301	7.11	0920-2281	Kabelsteckdose Winkel 2,0m	Cable socket angle 2,0m	ES12A 4p*0,34
+MA	-B301	14.7	0920-2291	Initiator PNP	Initiator PNP	IFRM12P1793
+MA	-B302	7.13	0920-2293	Initiator Sn 4	Proximity switch	IFRM 12P 1763/S1 3L 24VDC
+MA	-B302	7.13	0920-2281	Kabelsteckdose Winkel 2,0m	Cable socket angle 2,0m	ES12A 4p*0,34
+MA	-B311	9.4	0920-2293	Initiator Sn 4	Proximity switch	IFRM 12P 1763/S1 3L 24VDC
+MA	-B311	9.4	0920-2281	Kabelsteckdose Winkel 2,0m	Cable socket angle 2,0m	ES12A 4p*0,34
+MA	-B312	9.6	0920-2293	Initiator Sn 4	Proximity switch	IFRM 12P 1763/S1 3L 24VDC
+MA	-B312	9.6	0920-2281	Kabelsteckdose Winkel 2,0m	Cable socket angle 2,0m	ES12A 4p*0,34
+MA	-B313	9.10	0920-5190	Reflektionslichtschranke	reflecting light barrier	ORR2PA999I 24V= 4,0m
+MA	-B313	9.10	0920-5626	Reflektor	Reflector	17,5*51,0
+MA	-B313	9.10	0920-2272	Kabelsteckdose Gerade 3,0m	Cable socket straight 3,0m	ES13A 4p*0,34
+MA	-B314	9.12	0920-2293	Initiator Sn 4	Proximity switch	IFRM 12P 1763/S1 3L 24VDC
+MA	-B314	9.12	0920-2282	Kabelsteckdose Winkel 3,0m	socket	ES12A 4p*0,34
+MA	-B321	9.15	0920-5190	Reflektionslichtschranke	reflecting light barrier	ORR2PA999I 24V= 4,0m
+MA	-B321	9.15	0920-5626	Reflektor	Reflector	17,5*51,0
+MA	-B321	9.15	0920-2272	Kabelsteckdose Gerade 3,0m	Cable socket straight 3,0m	ES13A 4p*0,34
+MA	-B322	9.18	0920-5190	Reflektionslichtschranke	reflecting light barrier	ORR2PA999I 24V= 4,0m
+MA	-B322	9.18	0920-5626	Reflektor	Reflector	17,5*51,0
+MA	-B322	9.18	0920-2272	Kabelsteckdose Gerade 3,0m	Cable socket straight 3,0m	ES13A 4p*0,34
+MA	-B333	7.16	0920-5926	Lichttaster	light scanner	FZAM18Paus 24V= 0,8m
+MA	-B333	7.16	0920-5928	Lichttaster-Linsenaufsatz	Light switch-lens cap	FZAM18P
+MA	-B333	7.16	0920-5929	Lichttaster-Ueberwurfmutter	Light switch-union nut	FZAM18P
+MA	-M301	6.7	0990-1497	Motor	motor	0,04kW 3*220V/50Hz
+MA	-M301/E		0990-1498	Motor	motor	0,04kW 3*220V/50Hz
+MA	-M301/E		0990-1499	Getriebe	gear	1:100 980Ncm
+MA	-M302	8.6	0990-1497	Motor	motor	0,04kW 3*220V/50Hz
+MA	-M302/E		0990-1498	Motor	motor	0,04kW 3*220V/50Hz
+MA	-M302/E		0990-1499	Getriebe	gear	1:100 980Ncm
+MA	-S320	7.5	0920-5387	Endschalter	limit switch	SU1AF
+MA	-S320	7.5	0653-2278	Schaltfahne	Switch lever	
+SA	-A332	11.3	1800-4052	Automatisierungsgeraet	Programmable Controller	S5-95U 095-8MA03 SIMS5
+SA	-A332/E		1800-4064	Frontstecker 40-polig	Front connector 40-pin	SR 490-8MB11 SIMS5
+SA	-A332/E		1800-3645	Speichermodul EPROM	Memory submodule EPROM	32k 375-1LA41 SIMS5
+SA	-A332/E		1800-4054	Pufferbatterie zu S5-95U	Back-up battery to S5-95U	980-0MA11 SIMS5
+SA	-A340	5.3	1890-1551	Bedienungseinheit ROBOload	Control unit ROBOload	

835-011	= G-Liste	Geräteliste Apparatus list	de/en	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34			Schema ROBOload G33/K44	
roject file	plant:		language					total: 2
	+1		GTE	2002-08-12	Reppel	Reppel	5	1835-0110 next: 2
exchange for	place:		deportm.	release date	designer	approved by	version	sheet: 1

Ort Place	BMK	Blatt Page	Material	Bezeichnung	Description	Typ Type
+MA	-B301	7.11	0920-2293	Initiator Sn 4	Proximity switch	IFRM 12P 1763/S1 3L 24VDC
+MA	-B301	7.11	0920-2281	Kabelsteckdose Winkel 2.0m	Cable socket angle 2.0m	ES12A 4p*0.34
+MA	-B301	14.7	0920-2291	Initiator PNP	Initiator PNP	IFRM12P1793
+MA	-B302	7.13	0920-2293	Initiator Sn 4	Proximity switch	IFRM 12P 1763/S1 3L 24VDC
+MA	-B302	7.13	0920-2281	Kabelsteckdose Winkel 2.0m	Cable socket angle 2.0m	ES12A 4p*0.34
+MA	-B311	9.4	0920-2293	Initiator Sn 4	Proximity switch	IFRM 12P 1763/S1 3L 24VDC
+MA	-B311	9.4	0920-2281	Kabelsteckdose Winkel 2.0m	Cable socket angle 2.0m	ES12A 4p*0.34
+MA	-B312	9.6	0920-2293	Initiator Sn 4	Proximity switch	IFRM 12P 1763/S1 3L 24VDC
+MA	-B312	9.6	0920-2281	Kabelsteckdose Winkel 2.0m	Cable socket angle 2.0m	ES12A 4p*0.34
+MA	-B313	9.10	0920-5190	Reflektionslichtschranke	reflecting light barrier	ORR2PA9991 24V= 4.0m
+MA	-B313	9.10	0920-5626	Reflektor	Reflector	17.5*51.0
+MA	-B313	9.10	0920-2272	Kabelsteckdose Gerade 3.0m	Cable socket straight 3.0m	ES13A 4p*0.34
+MA	-B314	9.12	0920-2293	Initiator Sn 4	Proximity switch	IFRM 12P 1763/S1 3L 24VDC
+MA	-B314	9.12	0920-2282	Kabelsteckdose Winkel 3.0m	socket	ES12A 4p*0.34
+MA	-B321	9.15	0920-5190	Reflektionslichtschranke	reflecting light barrier	ORR2PA9991 24V= 4.0m
+MA	-B321	9.15	0920-5626	Reflektor	Reflector	17.5*51.0
+MA	-B321	9.15	0920-2272	Kabelsteckdose Gerade 3.0m	Cable socket straight 3.0m	ES13A 4p*0.34
+MA	-B322	9.18	0920-5190	Reflektionslichtschranke	reflecting light barrier	ORR2PA9991 24V= 4.0m
+MA	-B322	9.18	0920-5626	Reflektor	Reflector	17.5*51.0
+MA	-B322	9.18	0920-2272	Kabelsteckdose Gerade 3.0m	Cable socket straight 3.0m	ES13A 4p*0.34
+MA	-B333	7.16	0920-5926	Lichttaster	light scanner	FZAM18Paus 24V= 0.8m
+MA	-B333	7.16	0920-5928	Lichttaster-Linsenaufsatz	Light switch-lens cap	FZAM18P
+MA	-B333	7.16	0920-5929	Lichttaster-Ueberwurfmutter	Light switch-union nut	FZAM18P
+MA	-M301	6.7	0990-1497	Motor	motor	0.04kW 3*220V/50Hz
+MA	-M301/E		0990-1498	Motor	motor	0.04kW 3*220V/50Hz
+MA	-M301/E		0990-1499	Getriebe	gear	1:100 980Ncm
+MA	-M302	8.6	0990-1497	Motor	motor	0.04kW 3*220V/50Hz
+MA	-M302/E		0990-1498	Motor	motor	0.04kW 3*220V/50Hz
+MA	-M302/E		0990-1499	Getriebe	gear	1:100 980Ncm
+MA	-S320	7.5	0920-5387	Endschalter	limit switch	SU1AF
+MA	-S320	7.5	0653-2278	Schaltfahne	Switch lever	
+SA	-A332	11.3	1800-4052	Automatisierungsgeraet	Programmable Controller	S5-95U 095-8MA03 SIMS5
+SA	-A332/E		1800-4064	Frontstecker 40-polig	Front connector 40-pin	SR 490-8MB11 SIMS5
+SA	-A332/E		1800-3645	Speichermodul EPROM	Memory submodule EPROM	32k 375-1LA41 SIMS5
+SA	-A332/E		1800-4054	Pufferbatterie zu S5-95U	Back-up battery to S5-95U	980-0MA11 SIMS5
+SA	-A340	5.3	1890-1551	Bedienungseinheit ROBOload	Control unit ROBOload	

835-011	= G-Liste	Geräteliste Apparatus list	de/en language	RIETER Maschinenfabrik Rieter AG Schutzvermerk nach DIN 34 beachten/Refer to DIN 34			Schema ROBOload G33/K44	
roject file	plant:							total: 2
	+1		GTE	2002-08-12	Reppel	Reppel	5	1835-0110 next: 2
exchange for	place:		deportm.	release date	designer	approved by	version	sheet: 1

Ort Place	BMK	Blatt Page	Material	Bezeichnung	Description	Typ Type
+SA	-F330	4.7	0920-3820	Sicherungsautomat 1p	Circuit breaker 1-phase	4A 400V
+SA	-K321	8.15	0920-5935	Relais Ag	Relay Ag	24V= Ag 1Uk 1f
+SA	-K321	8.15	0920-5936	Stecksockel	Socket	5p f. Modul
+SA	-K321	8.15	0920-5939	Stecksockel-Modul	Socket-Modul	6-24V= Diode 99.01.3024
+SA	-K322	8.18	0920-5935	Relais Ag	Relay Ag	24V= Ag 1Uk 1f
+SA	-K322	8.18	0920-5936	Stecksockel	Socket	5p f. Modul
+SA	-K322	8.18	0920-5939	Stecksockel-Modul	Socket-Modul	6-24V= Diode 99.01.3024
+SA	-K323	10.4	0920-5935	Relais Ag	Relay Ag	24V= Ag 1Uk 1f
+SA	-K323	10.4	0920-5936	Stecksockel	Socket	5p f. Modul
+SA	-K323	10.4	0920-5939	Stecksockel-Modul	Socket-Modul	6-24V= Diode 99.01.3024
+SA	-K324	10.14	0920-5935	Relais Ag	Relay Ag	24V= Ag 1Uk 1f
+SA	-K324	10.14	0920-5936	Stecksockel	Socket	5p f. Modul
+SA	-K324	10.14	0920-5939	Stecksockel-Modul	Socket-Modul	6-24V= Diode 99.01.3024
+SA	-K325	10.17	0920-5937	Relais Ag	Relay Ag	4052 9024 5000 24V= Ag 2Uk
+SA	-K325	10.17	0920-5938	Stecksockel	Socket	95.75 8p f. Modul
+SA	-K325	10.17	0920-5939	Stecksockel-Modul	Socket-Modul	6-24V= Diode 99.01.3024
+SA	-K326	6.16	0920-5935	Relais Ag	Relay Ag	24V= Ag 1Uk 1f
+SA	-K326	6.16	0920-5936	Stecksockel	Socket	5p f. Modul
+SA	-K326	6.16	0920-5939	Stecksockel-Modul	Socket-Modul	6-24V= Diode 99.01.3024
+SA	-Q300	4.5	0920-2494	Lastschalter	load switch	KG 20AT203/CH0 7.5kW
+SA	-S305	7.3	0920-3756	Knebelschalterkopf	jack switch head	ZB2-BD27 2Pos
+SA	-S305	7.3	0920-3746	Kontaktelement	contact element	ZB2-BZ101 1s DM 22.5 mm
+SA	-S305	7.3	0920-3657	Beschriftungsschild	Lettering shield	ZB2-BY2178 '0-I'
+SA	-U301A	6.6	0920-7391	Frequenzumrichternetzfilter	frequency discriminating fil	FRU120S-EC 200W
+SA	-U301A	6.6	10095860	Frequenzumrichternetzfilter	frequency discriminating fil	FRS520S-EC 400W
+SA	-U301B	6.6	0920-7390	Frequenz-Umrichter 200W	Frequence-inverter 200W	3*230V FR-U120S-EC
+SA	-U301B	6.6	10095859	Frequenz-Umrichter 400W	Frequence-inverter 400W	3*230V FR-S520S-EC
+SA	-U302A	8.5	0920-7391	Frequenzumrichternetzfilter	frequency discriminating fil	FRU120S-EC 200W
+SA	-U302A	8.5	10095860	Frequenzumrichternetzfilter	frequency discriminating fil	FRS520S-EC 400W
+SA	-U302B	8.5	0920-7390	Frequenz-Umrichter 200W	Frequence-inverter 200W	3*230V FR-U120S-EC
+SA	-U302B	8.5	10095859	Frequenz-Umrichter 400W	Frequence-inverter 400W	3*230V FR-S520S-EC
+SA	-X300		0920-2072	Stecker	Plug	8P 1-8
+SA	-X301		0920-2072	Stecker	Plug	8P 1-8
+SA	-X301		0920-2075	Stecker	Plug	8P 9-16
+SA	-X310		0920-1685	Uebergabemodul	Transfer module	15P KI/Bu